

201(SEMI-ANNUAL REPORT (OCTOBER - APRIL)

PREPARED FOR:



**CLEAN HARBORS KANSAS, LLC
2549 NEW YORK STREET
WICHITA, KANSAS 67219**

PREPARED BY:



**5777 CENTRAL AVE. #200
BOULDER, COLORADO 80301**

SEPTEMBER 11, 2014



September 18, 2014

Ms. Chris Jump
U.S. Environmental Protection Agency
Region VII
901 North 5th Street
Kansas City, Kansas 66101

RE: 2014 Semi-Annual Report (October - April)
Clean Harbors Kansas, LLC
2549 New York Street, Wichita, Kansas

EPA Identification No: KSD007246846

Dear Ms. Jump:

Cameron-Cole, LLC (Cameron-Cole) has prepared this report on behalf of Clean Harbors Kansas (Clean Harbors) to present the results of the April 2014 semi-annual groundwater sampling, surface water sampling, and laboratory analysis at the Clean Harbors Kansas property (the Site) located in Wichita, Kansas (Figure 1). Semi-annual sampling is being performed in accordance with the monitoring requirements of the U.S. Environmental Protection Agency (EPA) and the Kansas Department of Health and Environment (KDHE) as specified in a letter dated April 28, 2006.

Surface Water Sampling

Surface water samples were collected by Clean Harbors personnel at five monitoring points (SK-SW-1 through SK-SW-5) in the East Fork of Chisholm Creek on April 15, 2014. The sampling locations are the same as those sampled previously during the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) and previous semi-annual sampling events. Grab samples were collected from each of these locations and submitted to Accutest Laboratories (Accutest) in Orlando, Florida for analysis of volatile organic compounds (VOCs) by EPA Method 8260. The surface water elevations were surveyed on the same day the water samples were collected. The elevation measurements are presented in Table 1. Analytical results for VOCs are summarized in Table 2 and illustrated on Figure 2. Cis-1,2-dichloroethene (cis-1,2-DCE) [2.3 mirograms

per liter ($\mu\text{g/L}$)] and trichloroethene (TCE) ($1.5 \mu\text{g/L}$) were detected in the sample collected from location SK-SW-1 at concentrations above the laboratory reporting limit but below the EPA maximum contaminant levels (MCLs). Cis-1,2-DCE ($4.0 \mu\text{g/L}$) and TCE ($1.5 \mu\text{g/L}$) were also detected in the sample collected from location SK-SW-2 at concentrations below MCLs. VOCs were not detected at levels above laboratory reporting limits in any other surface water samples. These results are consistent with historical surface water data. The surface water laboratory analytical report is included in Attachment I and the survey data is provided in Attachment 2.

Groundwater Flow

Depth to groundwater levels were measured by Clean Harbors personnel on April 15, 2014 and April, 16 2014 from 21 monitoring wells. Between the October 2013 and April 2014 sampling event, 11 monitoring wells were decommissioned as part of ongoing remedial activities associated with implementation of an Interim Measures work plan at the site. Wells were decommissioned in accordance with applicable State of Kansas regulations. The decommissioned wells are listed below.

- HRI-03
- SK-1D
- SK-2S
- SK-3D
- SK-3S
- SK-5D
- SK-5S
- SK-6S
- SK-B92
- SK-B68
- SK-OWI

Table 3 summarizes the groundwater elevations obtained from the remaining onsite wells. Figure 3 illustrates the groundwater potentiometric surface for the upper zone as well as the surface water elevations at the Site. The horizontal hydraulic gradient for the upper zone is approximately 0.0025 feet per foot (ft/ft) across the Site measured from MW-14 to SK-11S.

Figure 4 presents the groundwater potentiometric surface of the lower zone. The horizontal gradient calculated in the lower zone is approximately 0.002 ft/ft measured from SK-7D to SK-2D. Groundwater flow is to the southeast in both the upper and lower aquifer zones toward the East Fork of Chisholm Creek. Groundwater flow direction and horizontal hydraulic gradient are consistent with past observations.

Groundwater elevations collected from well pairs SK-2S/2D, SK-4S/4D, SK-8S/8D, and SK-12S/12SD at the Site were compared to evaluate the direction and magnitude of the

vertical gradient between the upper and lower zones of the aquifer. The vertical gradient calculations and results are summarized in Table 4. Upward gradients were observed in three of the four well pairs indicating that the potentiometric surface in the lower zone was higher than the potentiometric surface in the upper zone. Vertical gradients ranged from 0.0016 ft/ft in well pair SK-12S/12D to 0.0117 ft/ft in well SK-2S/2D. These gradients are similar to those noted in past field events, confirming a generally upward gradient at the Site. A downward vertical gradient was observed in well pair SK-4S/4D. Downward vertical gradients have been measured historically in this well pair dating back through 2007.

Groundwater Sampling and Analytical Results

Clean Harbors personnel obtained groundwater samples from 21 monitoring wells from April 15, 2014 to April 16, 2014. The wells were purged and sampled in accordance with the EPA-approved Phase I RFI Work Plan dated October 1999. The samples were submitted to Accutest Laboratories (Accutest) of Houston, Texas for analysis of VOCs by EPA Method 8260B. The water purging and sampling logs are included as Attachment 3.

Groundwater quality data for VOCs are summarized in Table 5 and illustrated on Plate I. The laboratory analytical report for the groundwater analyses is provided in Attachment 1. Data validation was performed to assess the quality of all sample results. The data validation summary is included as Attachment 4. Data validation indicated that the laboratory results were within method requirements.

Isoconcentration maps were prepared for the following constituents: PCE, TCE, cis-1,2-DCE, vinyl chloride, and 1,1,1-trichloroethane (1,1,1-TCA). Five isoconcentration maps depicting PCE, TCE, cis-1,2-DCE, VC, and 1,1,1-TCA concentrations were produced for the upper zone (Figures 5 through 9), and two isoconcentration maps illustrating TCE, and cis-1,2-DCE concentrations were produced for the lower zone of the aquifer (Figures 10 and 11).

The constituents detected in groundwater and their distributions across the Site are similar to those identified in recent sampling events. Cis-1,2-DCE, TCE and PCE are the predominant constituents detected above their respective MCLs at the Site. TCE and cis-1,2-DCE continue to be observed in groundwater upgradient of the Site.

Concentration versus time graphs are presented in Attachment 5. Wells located north of the Site are monitored to document concentrations of constituents that are migrating onto the Site. These wells include WND-32R, SK-7D, SK-9D and SK-8D that are

screened in the lower zone, and WND-32S, MW-10, MW-11, MW-14, MW-15, MW-18, and SK-8S that are screened in the upper zone. Concentration versus time graphs were consistent with historical trends for upgradient lower and upper zone wells.

Upper Zone

As shown on Figure 5, concentrations of PCE were observed above the MCL in upper zone downgradient well SK-10S. Concentrations of TCE (Figure 6) were observed above the MCL in upgradient offsite wells MW-15 and SK-8S and in downgradient well SK-10S. PCE and TCE concentrations on the eastern portion of the site appear to be the result migration from upgradient areas with some site related contribution in the vicinity of Building J.

On the central portion of the site the highest concentrations of VOCs were observed in samples collected from well SK-2S. Concentrations of PCE, TCE, cis-1,2-DCE and vinyl chloride were observed above their respective MCLs. Observed concentrations of PCE and TCE at SK-2S were 162 µg/L and 50.6 µg/L, respectively. Concentrations of PCE (6.4 µg/L) and TCE (50.6 µg/L) were observed above MCLs at offsite downgradient well SK-11S. Neither PCE nor TCE was observed in offsite upgradient wells on the central portion of the site. PCE and TCE concentrations in downgradient well SK-11S appear to indicate the migration of impacted groundwater from upgradient on site areas.

The concentration of cis-1,2-DCE in SK-2S was observed at 201 µg/L, above the MCL of 70 µg/L. Cis-1,2-DCE (Figure 7) was detected in upgradient offsite well MW-14, but at a concentration below the MCL. Vinyl chloride (Figure 8) was detected at 2.7 µg/L in SK-2S, which is above the MCL of 2.0 µg/L. 1,1,1,-TCA (Figure 9) was observed in SK-2S, at a concentration below the MCL. VOCs observed at SK-2S are most likely due to an onsite source, located upgradient of SK-2S, near the Processing area and/or Building D.

On the western portion of the site, PCE and TCE were observed in the upper zone above their respective MCLs in both SK-4S and SK-12S. Concentrations of PCE were 83.4 µg/L in SK-4S and 44.4 µg/L in SK-12S, while concentrations of TCE were 8.5 µg/L in SK-4S and 34.7 µg/L in SK-12S. These concentrations detected in these samples are similar to historic concentrations Upgradient offsite PCE and TCE concentrations are lower than those observed on-site which suggests on-site contribution of PCE and TCE to the upper zone in the western portion of the Site.

In summary, VOC concentrations in the upper zone were consistent with historical results. These VOC concentrations have multiple origins. On the eastern portion of the

Site, upgradient sources appear to contribute to the observed TCE concentrations in groundwater. Some site related contribution to upper zone VOC concentrations in the eastern, central and western portions of the Site appears to be occurring. In general, April 2014 VOC concentrations were consistent with historic observations.

Lower Zone

On the eastern portion of the Site, TCE (Figure 10) and cis-1,2 DCE (Figure 11) were detected in upgradient offsite well SK-8D at 120 µg/L and 29.8 µg/L, respectively. These compounds were detected at similar concentrations in the eastern lower zone onsite well RSC-I. These findings suggest that the lower zone concentrations in RSC-I are the result of migration of groundwater from the upgradient SK-8D area.

The lower zone wells located upgradient to the central and western portion of the site include WND-32DR, SK-7D and SK-9D. In April 2014, TCE concentrations in upgradient wells (Figure 5) were consistent with previously reported concentrations and ranged from 19.1 µg/L to 34.0 µg/L. Onsite lower zone wells, included SK-4D, SK-12D, and SK-2D. Observed onsite TCE concentrations ranged from 39.4µg/L at SK-2D to 19.6 µg/L at SK-12D. TCE concentrations in upgradient wells were similar to those observed on-site during October 2013, suggesting a predominantly upgradient source of TCE in this portion of the Site, as shown on Figure 5.

In summary, observed concentrations of TCE and cis-1,2-DCE across most of the site appear to be related to an upgradient source. The site lies within the NIC, which has been identified as having a dissolved groundwater plume of chlorinated VOCs. Some site related contribution to lower zone VOC concentrations is probable in the vicinity of well SK-2D as evidenced by relatively higher concentrations of TCE and cis-1,2-DCE compared to upgradient wells.

Conclusions

The groundwater and surface water analytical results from the April 2014 sampling event were generally consistent with historic results. PCE, TCE, and cis-1,2-DCE remain the predominant constituents in groundwater at the Site. Detected groundwater VOC concentrations in the upper zone appear to originate from a combination of on-and off-site sources, with off-site sources being the key contributors in the eastern portion of the Site. Lower zone VOC concentrations appear to originate primarily from off-site upgradient sources, with some on-site contribution, particularly in the vicinity of SK-2D in the central portion of the Site.

Ms. Chris Jump
September 18, 2014
Page 6

Clean Harbors is currently undertaking an excavation interim remedial measure (IRM) at the facility which will be ongoing for the remainder of 2014. As discussed with EPA, Clean Harbors will suspend groundwater monitoring activities for the remainder of 2014 while the IRM is being implemented. Following completion of the IRM, Clean Harbors will consult with EPA to determine the specifics of a revised groundwater monitoring program to be implemented in 2015.

Please do not hesitate to contact me with any questions regarding this report. I can be reached at 510-777-1864 (e-mail: mstephenson@cameron-cole.com).

Sincerely,

Cameron-Cole, L.L.C.

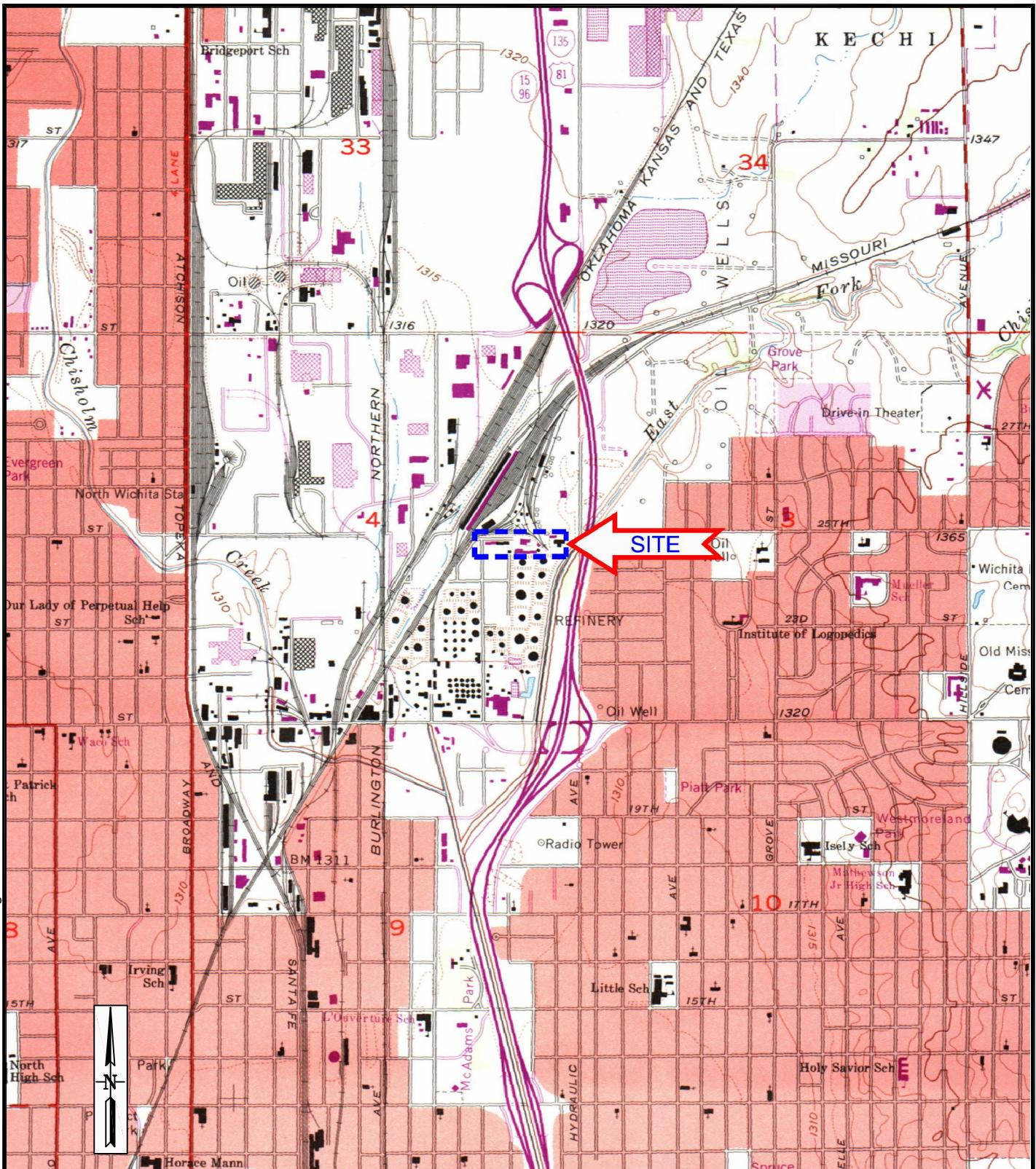

Michael Stephenson (FOR)
Principal Scientist

Enclosures:

Tables I through 5, Figures I through 11
Attachments I through 5
Plate I

cc: John Cook, KDHE
Marty Smith, Clean Harbors
Stephen Bley, Clean Harbors
Brian Key, Clean Harbors

FIGURES



0 2000
FEET

KANSAS
SITE ■
MAP ADAPTED FROM U.S.G.S 7.5' SERIES
QUADRANGLE WICHITA EAST, KANSAS

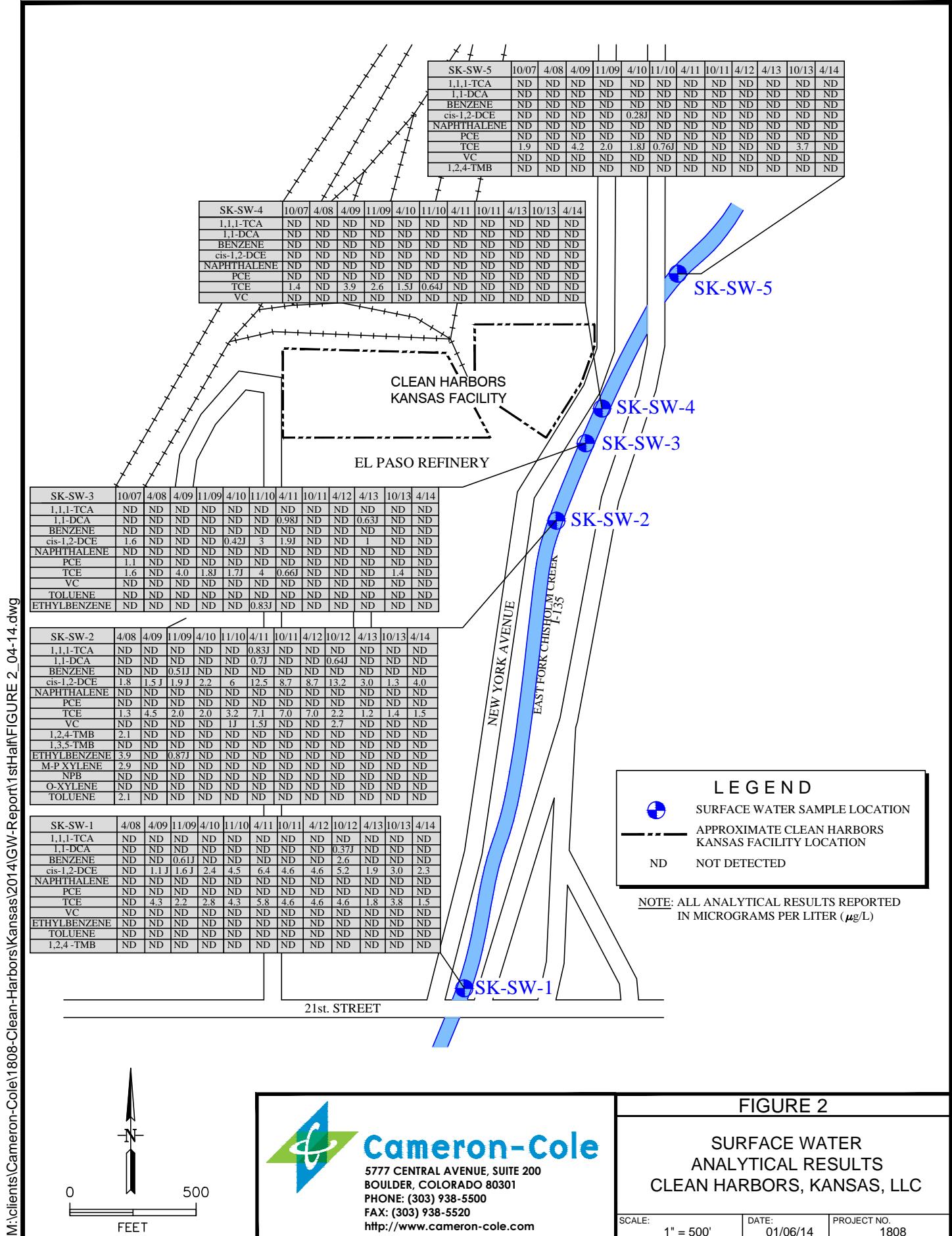


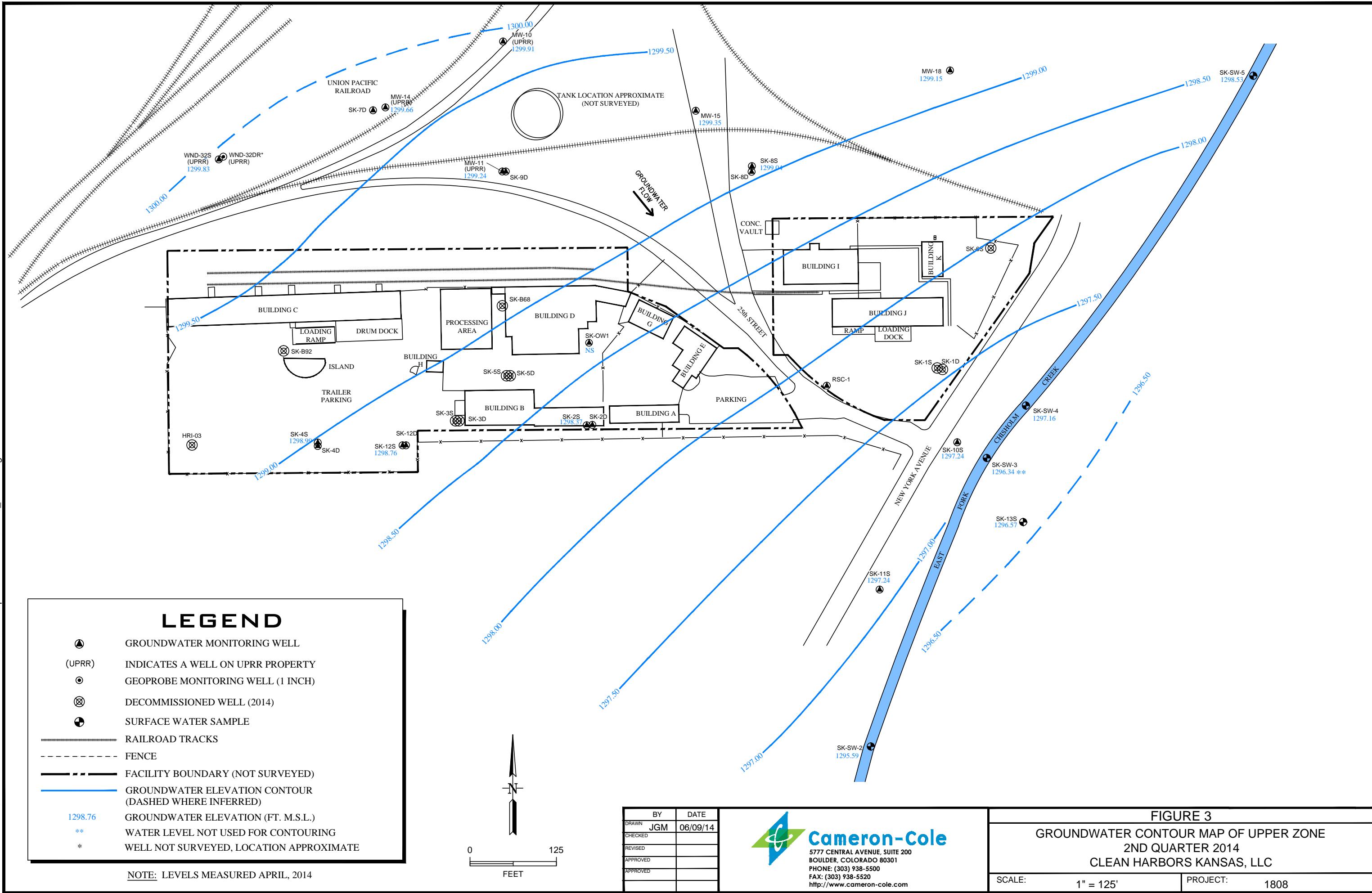
Cameron-Cole
5777 CENTRAL AVENUE, SUITE 200
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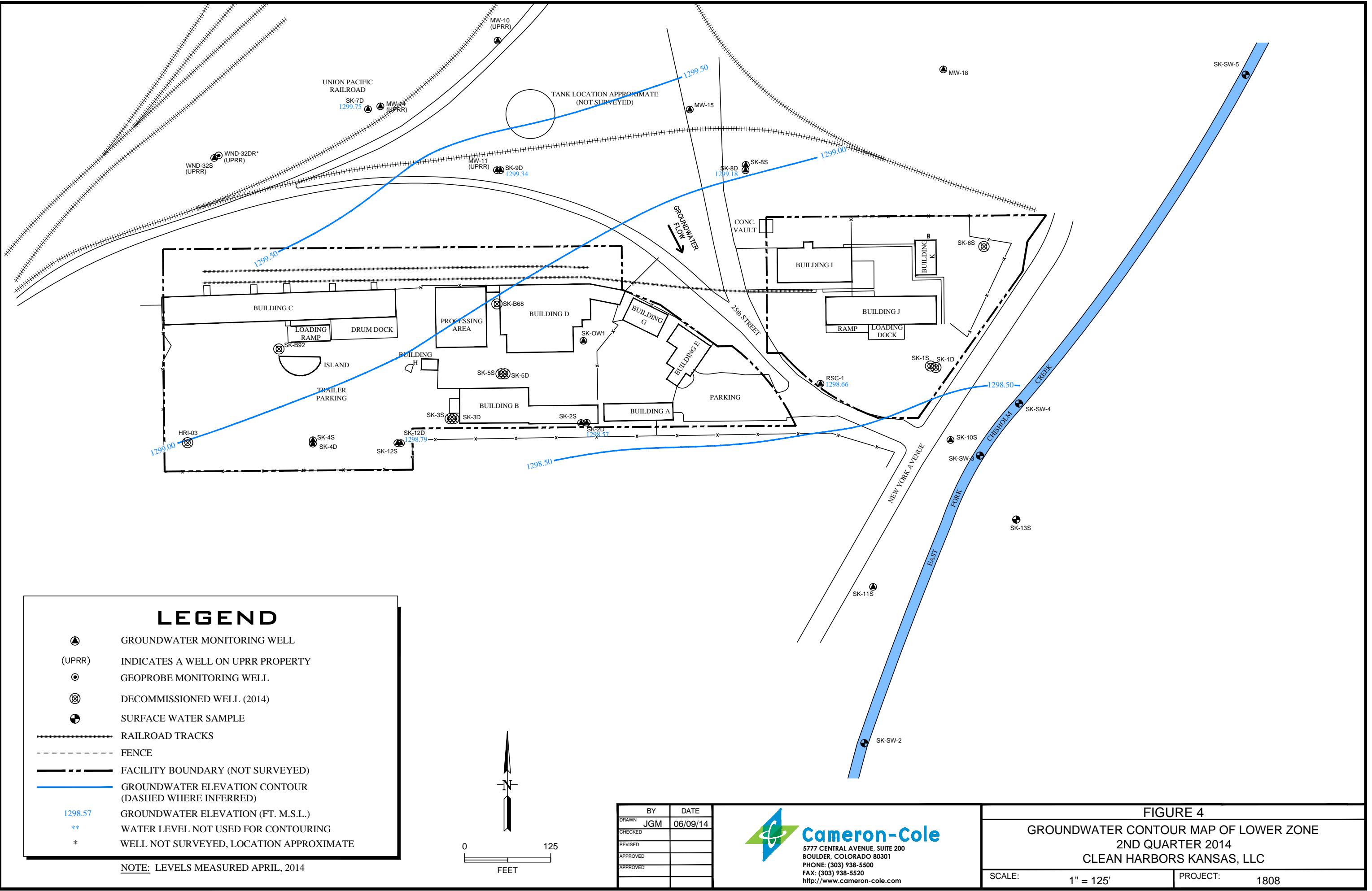
FIGURE 1

**SITE LOCATION MAP
CLEAN HARBORS, KANSAS, LLC**

SCALE: 1" = 2000'	DATE: 7/22/09	PROJECT NO. 1808
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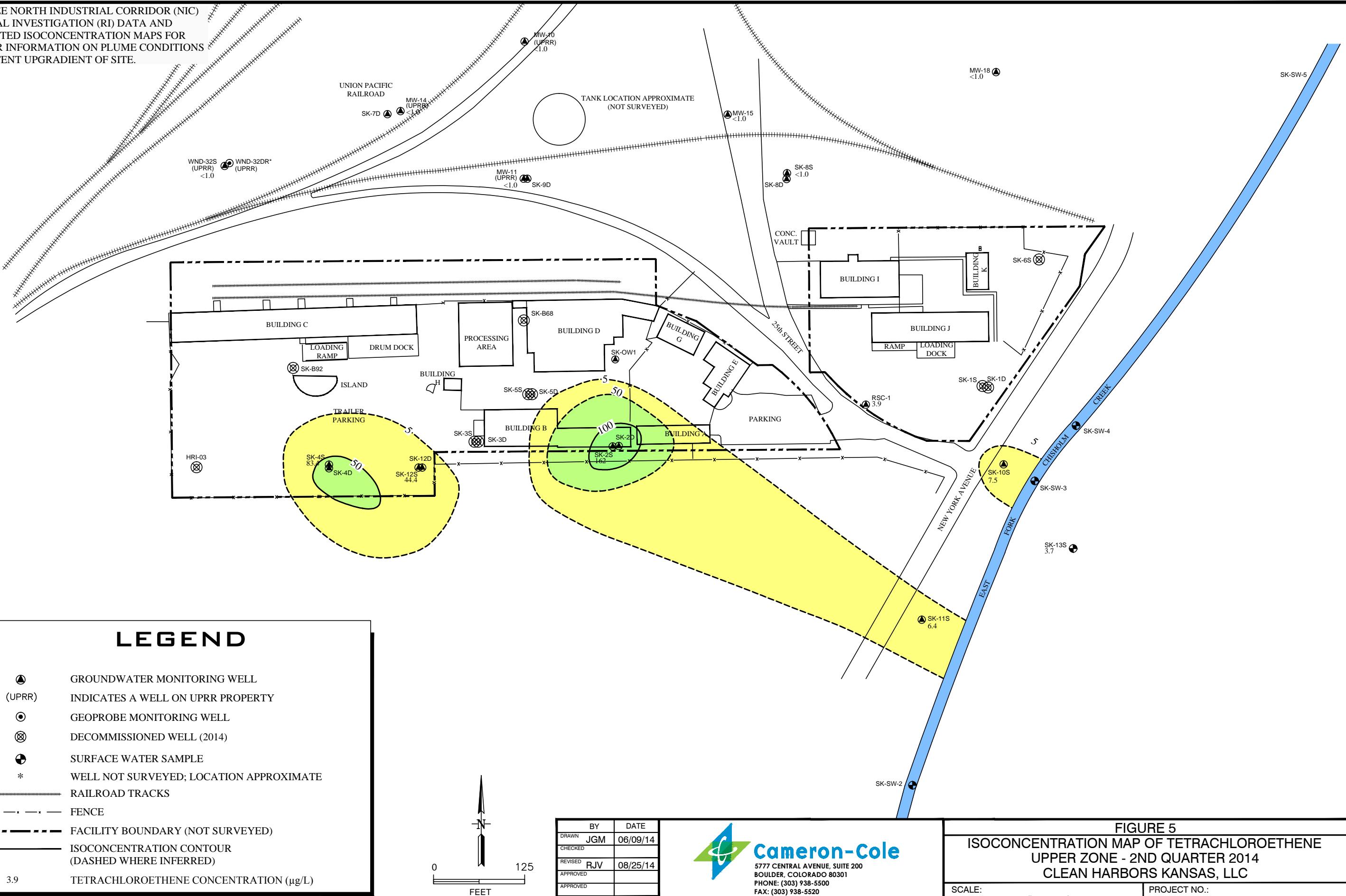


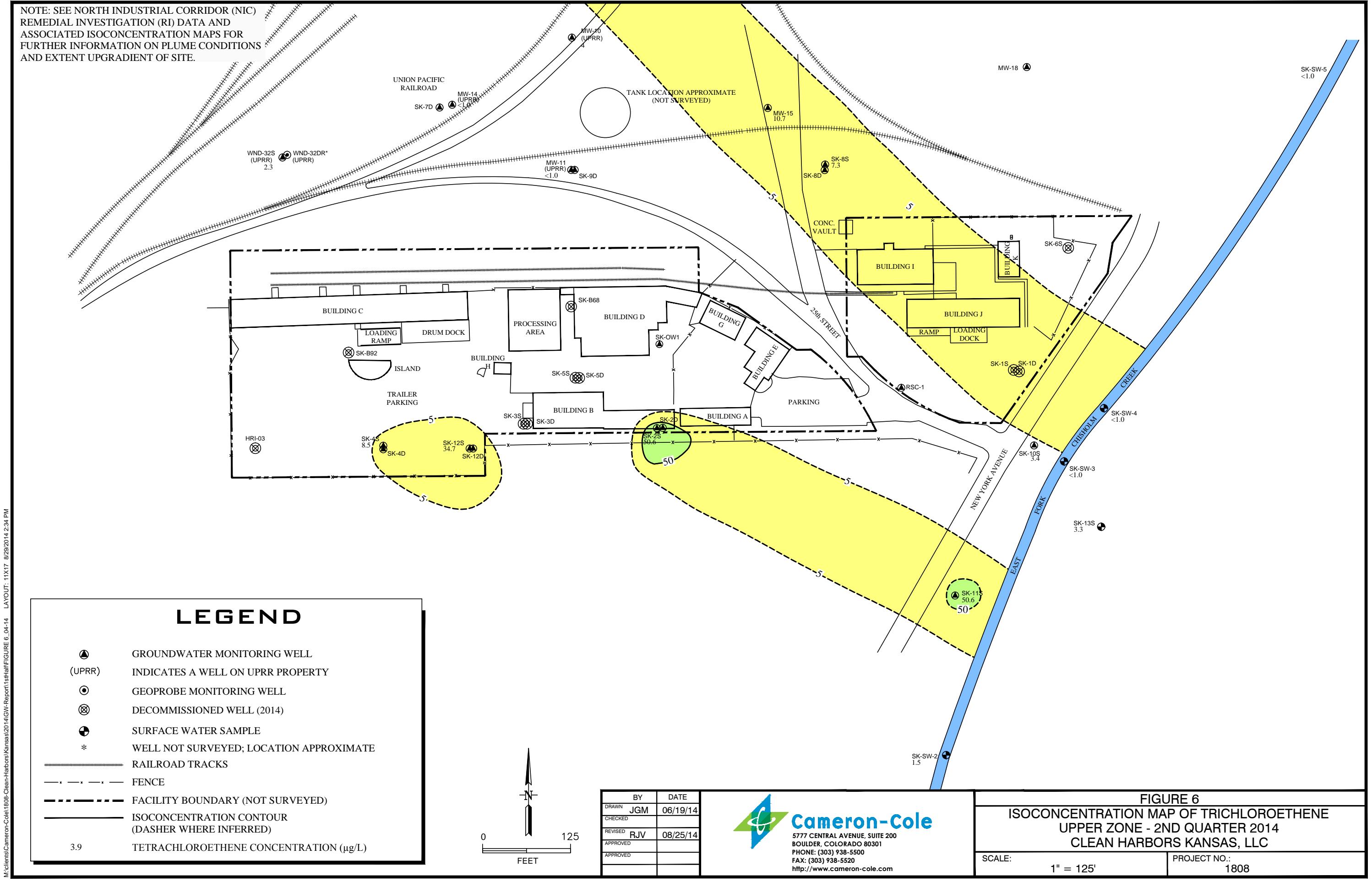




NOTE: SEE NORTH INDUSTRIAL CORRIDOR (NIC) REMEDIAL INVESTIGATION (RI) DATA AND ASSOCIATED ISOCONCENTRATION MAPS FOR FURTHER INFORMATION ON PLUME CONDITIONS AND EXTENT UPGRADIENT OF SITE.

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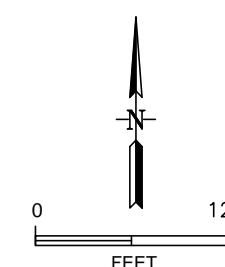
NOTE: SEE NORTH INDUSTRIAL CORRIDOR (NIC)
REMEDIAL INVESTIGATION (RI) DATA AND
ASSOCIATED ISOCONCENTRATION MAPS FOR
FURTHER INFORMATION ON PLUME CONDITIONS
AND EXTENT UPGRADIENT OF SITE.

M:\clients\Cameron-Cole\1808-Clean-Harbors\Kansas\2014\GW-Report\1st half\FIGURE 7.04-14

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LEGEND

- (UPRR) GROUNDWATER MONITORING WELL
INDICATES A WELL ON UPRR PROPERTY
- Geoprobe Monitoring Well
- Decommissioned Well (2014)
- Surface Water Sample
- * Well Not Surveyed; Location Approximate
- Railroad Tracks
- - - Fence
- Facility Boundary (Not Surveyed)
- Isoconcentration Contour (Dashed Where Inferred)
- 3.9 Tetrachloroethene Concentration ($\mu\text{g/L}$)

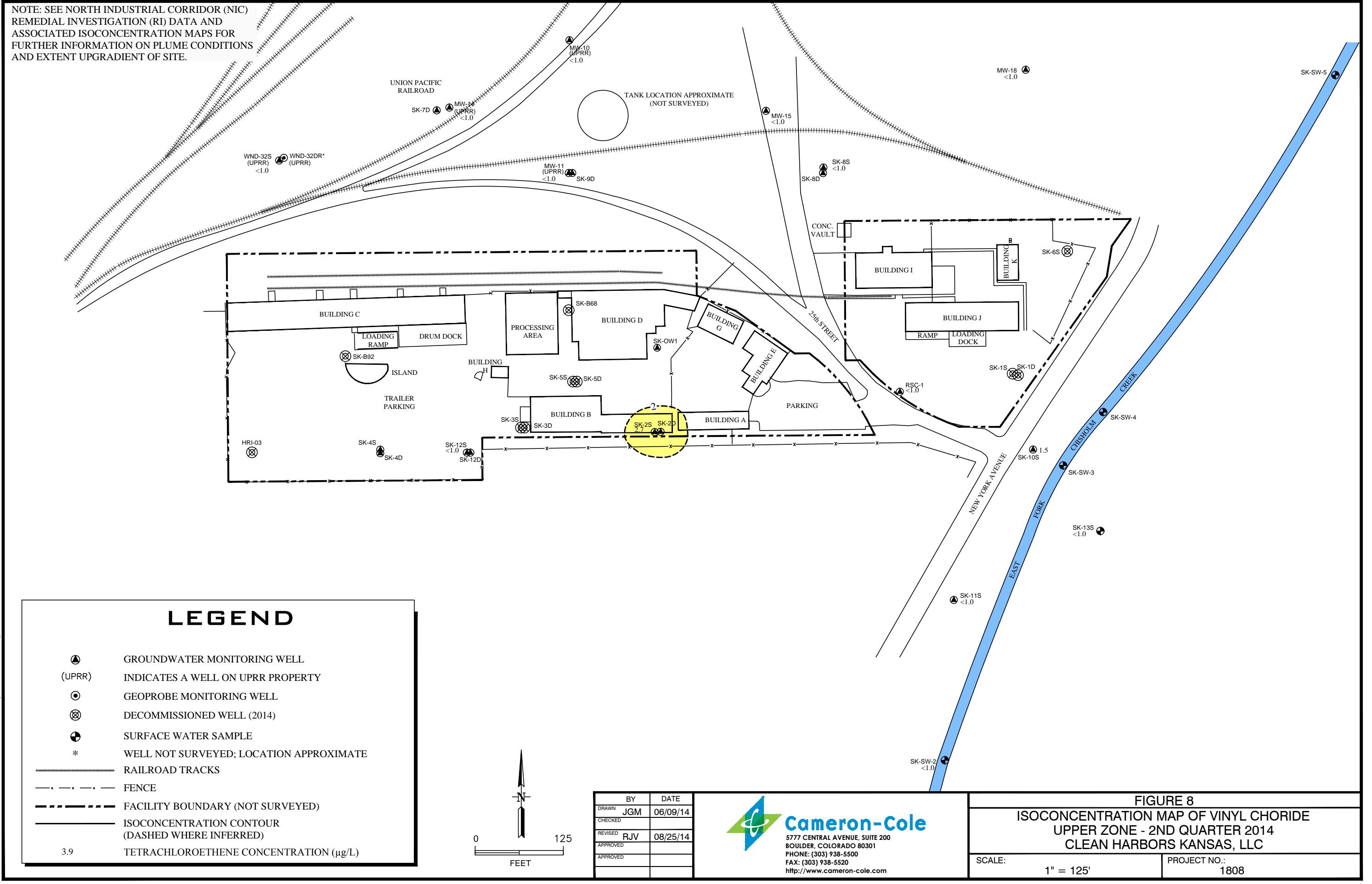


BY	DATE
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CHECKED	
REVISED	RJV 08/25/14
APPROVED	
APPROVED	

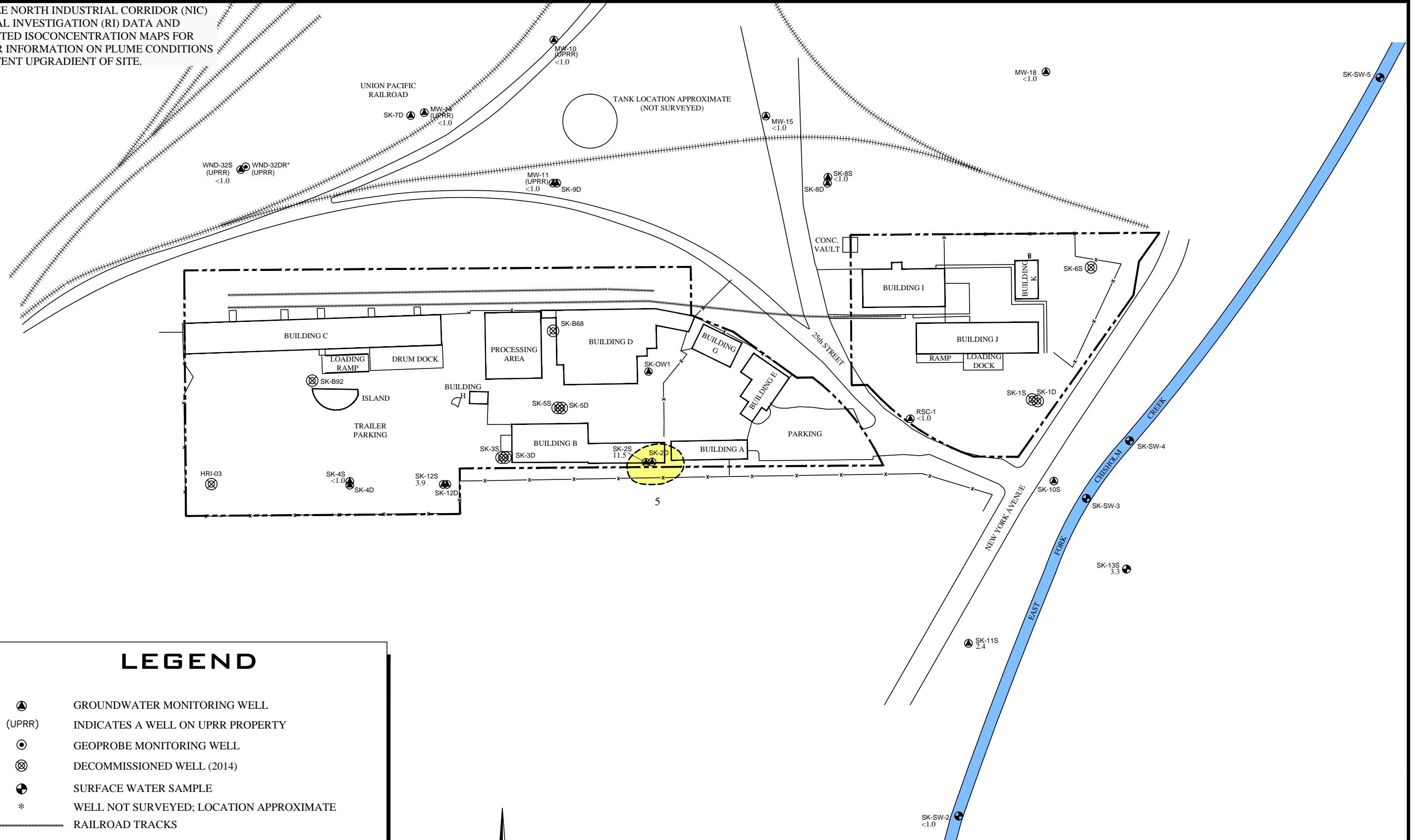
 **Cameron-Cole**
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BOULDER, COLORADO 80301
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FIGURE 7
ISOCONCENTRATION MAP OF CIS-1,2-DICHLOROETHENE
UPPER ZONE - 2ND QUARTER 2014
CLEAN HARBORS KANSAS, LLC

SCALE: 1" = 125' PROJECT NO.: 1808

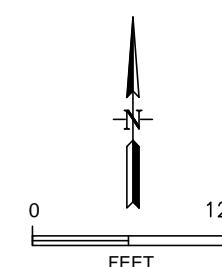


NOTE: SEE NORTH INDUSTRIAL CORRIDOR (NIC)
REMEDIAL INVESTIGATION (RI) DATA AND
ASSOCIATED ISOCONCENTRATION MAPS FOR
FURTHER INFORMATION ON PLUME CONDITIONS
AND EXTENT UPGRADIENT OF SITE.



LEGEND

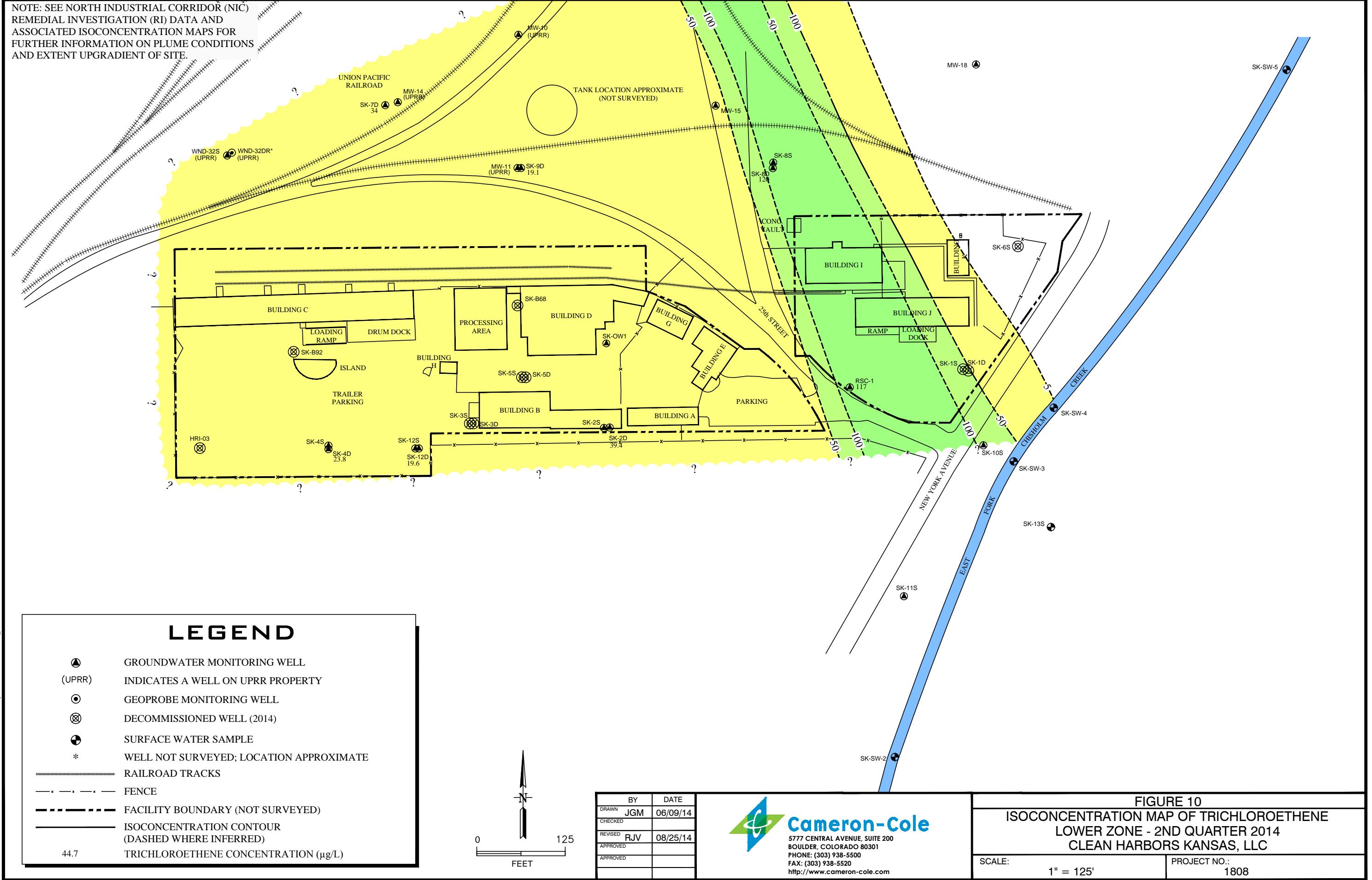
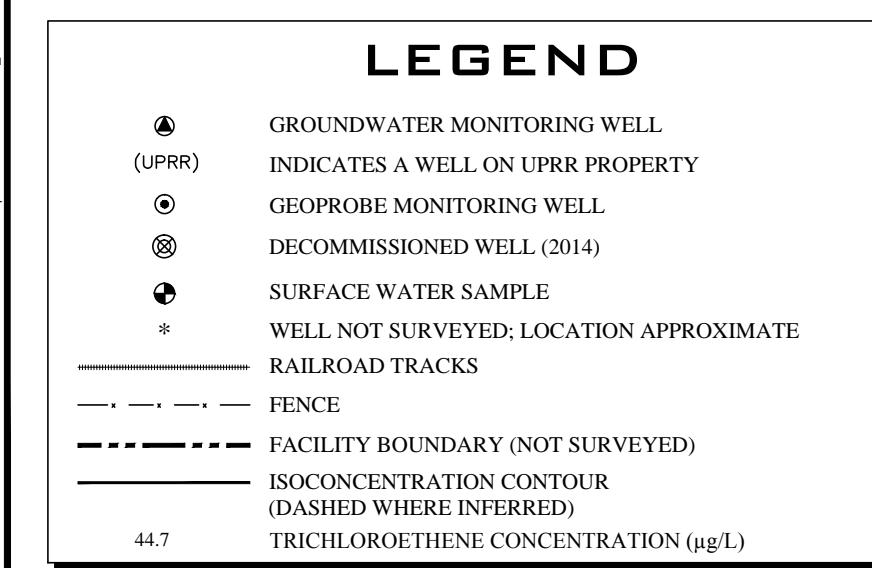
- GROUNDWATER MONITORING WELL (UPRR) INDICATES A WELL ON UPRR PROPERTY
- GEOPROBE MONITORING WELL
- DECOMMISSIONED WELL (2014)
- SURFACE WATER SAMPLE
- * WELL NOT SURVEYED; LOCATION APPROXIMATE
- RAILROAD TRACKS
- FENCE
- FACILITY BOUNDARY (NOT SURVEYED)
- ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)
- <1.0 1,1,1 TRICHLOROETHANE CONCENTRATION ($\mu\text{g/L}$)



BY	DATE
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CHECKED	
REVISED	
APPROVED	
APPROVED	

NOTE: SEE NORTH INDUSTRIAL CORRIDOR (NIC)
REMEDIAL INVESTIGATION (RI) DATA AND
ASSOCIATED ISOCONCENTRATION MAPS FOR
FURTHER INFORMATION ON PLUME CONDITIONS
AND EXTENT UPGRADIENT OF SITE.

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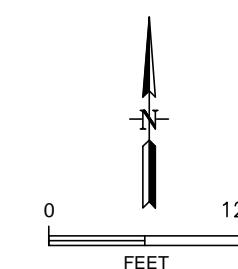
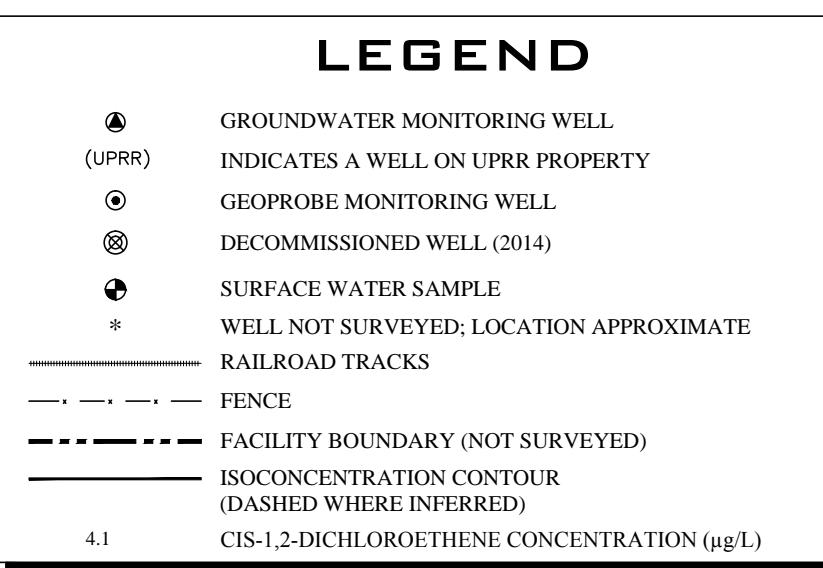
Cameron-Cole
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<http://www.cameron-cole.com>

FIGURE 10
ISOCONCENTRATION MAP OF TRICHLOROETHENE
LOWER ZONE - 2ND QUARTER 2014
CLEAN HARBORS KANSAS, LLC
SCALE: 1" = 125' PROJECT NO.: 1808

NOTE: SEE NORTH INDUSTRIAL CORRIDOR (NIC) REMEDIAL INVESTIGATION (RI) DATA AND ASSOCIATED ISOCONCENTRATION MAPS FOR FURTHER INFORMATION ON PLUME CONDITIONS AND EXTENT UPGRADIENT OF SITE.

N:\CleanHarbors\Kansas\2014\GW-Report\1stHalf\Figure 11\FIGURE 11-04-14

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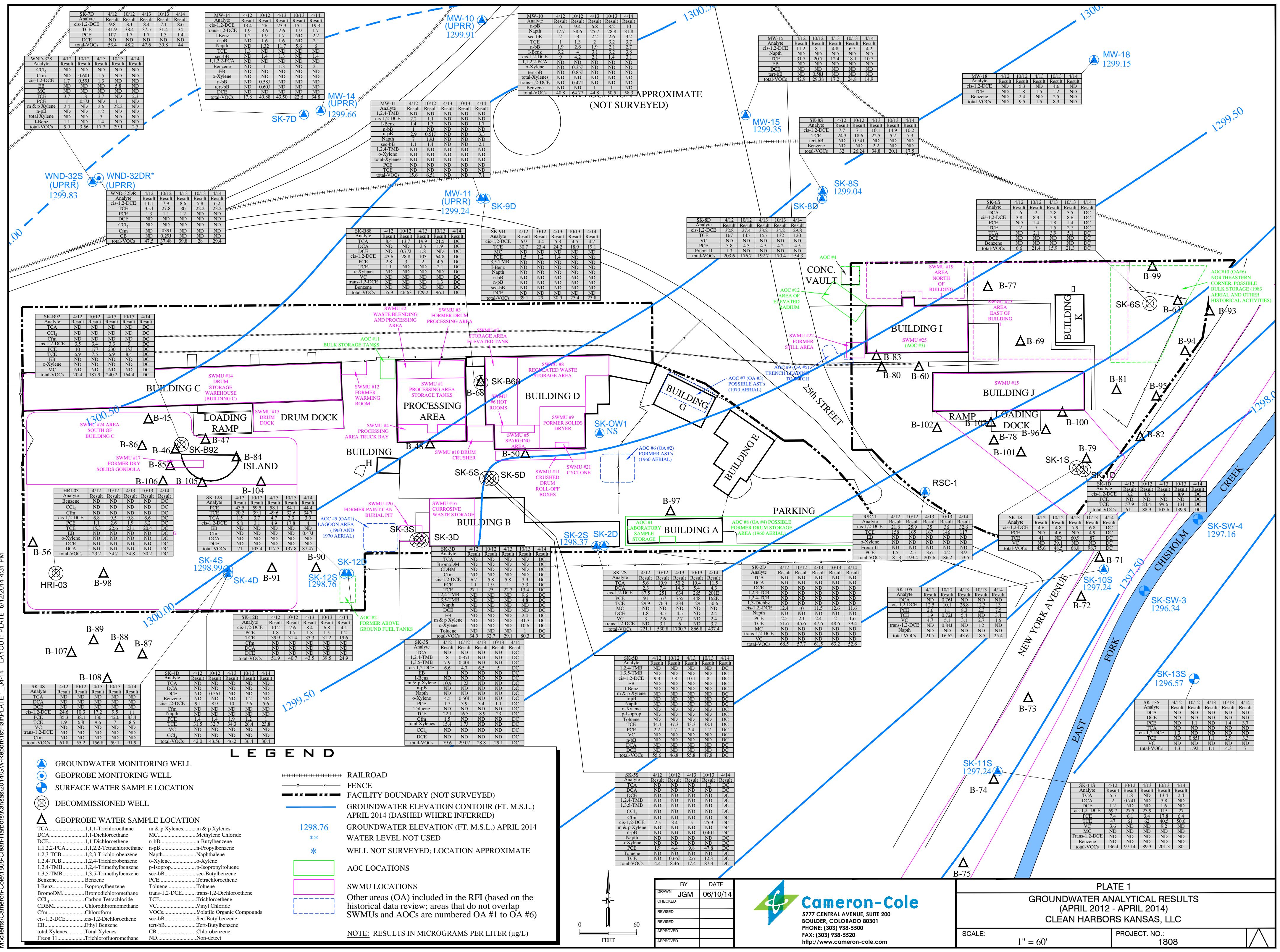
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FIGURE 11
ISOCONCENTRATION MAP OF CIS-1,2-DICHLOROETHENE
LOWER ZONE - 2ND QUARTER 2014
CLEAN HARBORS KANSAS, LLC

SCALE:	1" = 125'	PROJECT NO.:	1808
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PLATE



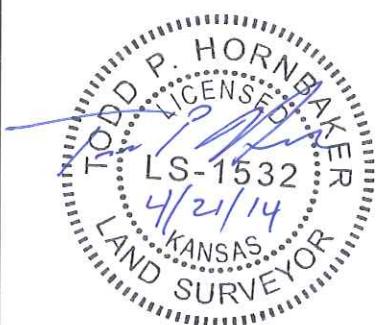
TABLES

Cameron-Cole, LLC
5777 Central Ave.
Suite 200
Boulder, CO 80301

4/21/2014
Job # 14-04-775
Page 1 of 1

**SURVEYING FOR CLEAN HARBORS
WICHITA, SEDGWICK COUNTY, KANSAS
SURFACE WATER ELEVATIONS
Measured on April 15, 2014**

WELL ID	NORTHING	EASTING	ELEVATION	
Control Pt	1701356.69	1653945.24	1317.29	"X" in FH Bolt
SK-SW 1	1699170.75	1653851.09	1294.44	Top Water Surface
SK-SW 2	1700893.94	1654059.22	1295.59	Top Water Surface
SK-SW 3	1701307.11	1654228.64	1296.34	Top Water Surface
SK-SW 4	1701377.15	1654276.03	1297.16	Top Water Surface
SK-SW 5	1701872.16	1654624.77	1298.53	Top Water Surface



Todd P. Hornbaker
KS PLS #1532

Table 2
Surface Water Analytical Results For Detected Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Benzene (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)	Trichloroethene (µg/L)	Vinyl Chloride (µg/L)
Maximum Contaminant Level (MCL)	200	2.4	15	370	5	70	700	5	0.14	1300	5	1000	10000	5	2		
SK-SW-1	4/25/01		<1	<1	<1	<1	1.4	3.3	<1	<1	1	<1	<1	<1	<2	3.9	<1
	11/06/01		1.2	<1	<1	<1	<1	11	<1	<1	<1	<1	1	<1	<2	4.3	<1
	8/19/02		<1	<1	<1	<1	2	4.3	<1	<1	<1	<1	<1	<1	<2	1.6	<1
	11/05/02		<1	<1	<1	<1	1.5	2.2	1.2	<1	<1	<1	<1	1.9	<2	<1	<1
	10/21/04		<1	<1	<1	<1	2.1	2.1	<1	<1	<1	<1	<1	<1	<2	1.2	<1
	2/03/05		<1	<1	<1	<1	4.8	2.5	<1	<1	2.4	<1	<1	<1	<2	1.5	<1
	4/14/05		<1	<1	<1	<1	8	4	<1	<1	<1	<1	<1	<1	<2	2.7	<1
	7/07/05		<1	<1	<1	<1	8.8	4.2	<1	<1	<1	<1	<1	1.4	<2	2.9	<1
	10/20/05		<1	<1	<1	<1	1.8	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	4/18/06		<1	<1	<1	<1	2.3	4.9	<1	<1	<1	<1	<1	<1	<2	3.2	<1
	10/10/06		<1	<1	1.1	<1	14	5.7	<1	<1	5.8	<1	<1	<1	<2	5.3	<1
	10/30/07		<1.0	<1.0	<1.0	<1.0	15	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	3.2	1.2
	4/09/08		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	4/23/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	4.3	<2.0
	11/13/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	2.2	<2.0
	4/29/10		<2.0	<2.0	<2.0	<2.0	<2.0	2.4	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	2.8	<2.0
	11/15/10		<2.0	<2.0	<2.0	<2.0	<2.0	4.5	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	4.3	<2.0
	4/12/11		<2.0	<2.0	<2.0	<2.0	<2.0	6.4	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	5.8	<2.0
	10/17/11		<1.0	<1.0	<1.0	<1.0	<1.0	4.6	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	4.6	<1.0
	4/17/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	10/30/12		<1.0	<1.0	<1.0	<1.0	2.6	5.2	<1.0	<4.0	<5.0	<1.0	<1.0	<1.0	<3.0	4.6	<1.0
	4/16/13		<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	1.8	<1.0
	10/18/13		<1.0	<1.0	<2.0	<2.0	2.2	3.0	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	3.8	<1.0
	4/15/14		<1.0	<1.0	<2.0	<2.0	<1.0	2.3	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	1.5	<1.0
SK-SW-2	4/25/01		<1	<1	<1	<1	<1	3.4	<1	<1	<1	<1	<1	<1	<2	3.8	<1
	11/06/01		3.2	1.2	<1	<1	3.3	23	<1	<1	<1	<1	2.1	<1	<2	4.4	1.1
	8/19/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	DUP		<1	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/05/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	10/21/04		1.1	<1	<1	<1	<1	9.6	<1	<1	<1	<1	3.3	<1	<2	4.3	<1

Table 2
Surface Water Analytical Results For Detected Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Benzene (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)	Trichloroethene (µg/L)	Vinyl Chloride (µg/L)
Maximum Contaminant Level (MCL)	200	2.4	15	370	5	70	700	5	0.14	1300	5	1000	10000	5	2		
SK-SW-2	2/03/05		<1	<1	<1	<1	3.1	<1	<1	<1	<1	<1	<1	<1	<2	1.6	<1
	4/14/05		<1	<1	<1	<1	3.1	<1	<1	<1	<1	<1	<1	<1	<2	2.8	<1
	7/07/05		<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<2	1.3	<1
	10/20/05		<1	<1	<1	5.2	<1	<1	<1	2.9	<1	<1	<1	<1	<2	<1	<1
	4/18/06		4.2	2.3	13	1.9	19	14	23	<1	2.8	1.8	<1	16	15.7	2.4	16
	10/10/06		<1	<1	<1	<1	5.2	<1	<1	<1	<1	1	<1	<1	<2	1.4	<1
	10/30/07		<1.0	<1.0	<1.0	<1.0	2.1	4.4	1.9	<1.0	<1.0	<1.0	<1.0	1.3	<2.0	2.8	2.0
	4/09/08		<1.0	<1.0	2.1	<1.0	<1.0	1.8	3.9	<1.0	<1.0	<1.0	<1.0	2.1	2.9	1.3	<1.0
	4/23/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	4.5	<2.0
	11/13/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	2.0	<2.0
	4/29/10		<2.0	<2.0	<2.0	<2.0	<2.0	2.2	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	2.0	<2.0
	11/15/10		<2.0	<2.0	<2.0	<2.0	<2.0	6.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	3.2	<2.0
	4/12/11		<2.0	<2.0	<2.0	<2.0	<2.0	12.5	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	7.1	<2.0
	10/17/11		<1.0	<1.0	<1.0	<1.0	<1.0	8.7	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	7.0	<1.0
	4/17/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	10/30/12		<1.0	<1.0	<1.0	<1.0	<1.0	13.2	<1.0	<4.0	<5.0	<1.0	<1.0	<1.0	<3.0	2.2	2.7
	4/16/13		<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	1.2	<1.0
	10/18/13		<1.0	<1.0	<2.0	<2.0	<1.0	1.3	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	1.4	<1.0
	4/15/14		<1.0	<1.0	<2.0	<2.0	<1.0	4.0	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	1.5	<1.0
SK-SW-3	4/25/01		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	3.8	<1
	11/06/01		<1	<1	<1	<1	<1	1.6	<1	<1	<1	<1	1.7	<1	<2	<1	<1
	8/19/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/05/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	DUP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	10/21/04		<1	<1	<1	<1	<1	2	<1	<1	<1	<1	1.2	<1	<2	2.8	<1
	2/03/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	1	<1
	4/14/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	2.3	<1
	7/07/05		<1	<1	<1	<1	1.6	3.2	<1	<1	<1	<1	<1	<1	<2	2.4	<1
	10/20/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1
	4/18/06		<1	<1	<1	<1	<1	1.8	<1	<1	<1	<1	<1	<1	<2	<1	<1

Table 2
Surface Water Analytical Results For Detected Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Benzene (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)	Trichloroethene (µg/L)	Vinyl Chloride (µg/L)
Maximum Contaminant Level (MCL)	200	2.4	15	370	5	70	700	5	0.14	1300	5	1000	10000	5	2		
SK-SW-3	10/10/06		<1	<1	<1	<1	<1	1	<1	<1	<1	1	<1	<2	<1	<1	
	10/30/07		<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	1.1	<1.0	<2.0	1.6	<1.0	
	4/09/08		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	
	4/23/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<6.0	4.0	<2.0	
	11/13/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	4/29/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	11/15/10		<2.0	<2.0	<2.0	<2.0	<2.0	3.0	<2.0	<5.0	<5.0	<2.0	<2.0	<6.0	4.0	<2.0	
	4/12/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	10/17/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	4/17/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	10/30/12		<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<4.0	<5.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	4/16/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	10/18/13		<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0	<1.0	<2.0	1.4	<1.0	
	4/15/14		<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0	<1.0	<2.0	<1.0	<1.0	
SK-SW-4	4/25/01		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	4	<1	
	11/06/01		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	8/19/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	11/05/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	10/21/04		<1	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<2	3.1	<1	
	2/03/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	4/14/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	2.3	<1	
	7/07/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	1.2	<1	
	10/20/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	4/18/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	10/10/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	10/30/07		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.4	<1.0	
	4/09/08		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	
	4/23/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<6.0	3.9	<2.0	
	11/13/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<6.0	2.6	<2.0	
	4/29/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<6.0	<2.0	<2.0	

Table 2
Surface Water Analytical Results For Detected Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Benzene (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Ethylbenzene (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)	Trichloroethene (µg/L)	Vinyl Chloride (µg/L)	
Maximum Contaminant Level (MCL)	200	2.4	15	370	5	70	700	5	0.14	1300	5	1000	10000	5	2			
SK-SW-4	11/15/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	4/12/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	10/17/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	4/17/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	10/30/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	4/16/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	10/18/13		<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	
	4/15/14		<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	
SK-SW-5	4/25/01		<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<2	4.7	<1	
	11/06/01		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	DUP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	8/19/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	11/05/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	10/21/04		<1	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<2	3.8	<1	
	2/03/05		<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	1.1	<1	
	4/14/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	2.6	<1	
	7/07/05		<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<2	1.4	<1	
	10/20/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	4/18/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	10/10/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	
	10/30/07		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.9	<1.0
	4/09/08		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	
	4/23/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	4.2	<2.0	
	11/13/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	2.0	<2.0	
	4/29/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	11/15/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	4/12/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	
	10/17/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	4/17/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	
	10/30/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	

Table 2
Surface Water Analytical Results For Detected Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane ($\mu\text{g/L}$)	1,1-Dichloroethane ($\mu\text{g/L}$)	1,2,4-Trimethylbenzene ($\mu\text{g/L}$)	1,3,5-Trimethylbenzene ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Cis-1,2-Dichloroethene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Methylene Chloride ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	N-Propylbenzene ($\mu\text{g/L}$)	Tetrachloroethene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$) (1,2)	Trichloroethene ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
Maximum Contaminant Level (MCL)			200	2.4	15	370	5	70	700	5	0.14	1300	5	1000	10000	5	2
SK-SW-5	4/16/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	10/18/13		<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	3.7	<1.0
	4/15/14		<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0

($\mu\text{g/L}$) = micrograms per liter.

DUP= Duplicate Sample

Detections are in bold.

Detections that exceed the MCL are shaded.

Laboratory Data Qualifier of "J" indicates that the reported result was estimated.

If USEPA has not promulgated an MCL for a listed constituent, Region 9 RSL values for Tap Water were used. RSL values are italicized.

MCL values were obtained from EPA 822-R-09-011 Drinking Water Standards and Health Advisories Table, Fall 2009.

USEPA Region 9 RSL values were obtained from the table published in December 2009.

Table 3
Monitoring Well Fluid Levels
Clean Harbors Kansas, LLC

Well Id	Completion Zone	TOC Elevation	Protective Casing Elevation (ft-msl)	Screened Interval (ft below TOC)	April 2012		November 2012		April 2013		October 2013		April 2014	
					DTW (ft)	GW Elevation (ft-msl)	DTW (ft)	GW Elevation (ft-msl)	DTW (ft)	GW Elevation (ft-msl)	DTW (ft)	GW Elevation (ft-msl)	DTW (ft)	GW Elevation (ft-msl)
HRI-03	1312.46	fully penetrating	1312.53	ND	11.40	1301.06	13.18	1299.28	13.45	1299.01	12.53	1299.93	~	
MW-10	1318.11	upper	1318.64	13.50-23.50	17.75	1300.36	17.97	1300.14	18.26	1299.85	17.12	1300.99	18.20	1299.91
MW-11	1316.57	upper	1316.89	14.00-24.00	15.69	1300.88	17.10	1299.47	17.33	1299.24	16.29	1300.28	17.33	1299.24
MW-14	1317.74	upper	1317.90	14.60-24.60	16.40	1301.34	17.84	1299.90	18.11	1299.63	16.98	1300.76	18.08	1299.66
MW-15	1315.95	upper	ND	ND	15.47	1300.48	16.45	1299.50	16.70	1299.25	15.72	1300.23	16.60	1299.35
MW-18	1317.91	upper	ND	ND	17.84	1300.07	18.60	1299.31	18.22	1299.69	18.08	1299.83	18.76	1299.15
RSC-1	1315.49	fully penetrating	1315.87	ND	15.55	1299.94	17.03	1298.46	16.13	1299.36	16.40	1299.09	16.83	1298.66
SK-10S	1316.64	upper	1316.99	10.00-25.00	18.23	1298.41	19.43	1297.21	19.50	1297.14	18.98	1297.66	19.40	1297.24
SK-11S	1316.78	upper	1317.07	13.00-28.00	18.19	1298.59	19.48	1297.30	19.60	1297.18	18.99	1297.79	19.54	1297.24
SK-12D	1313.14	lower	1313.52	27.50-32.50	12.48	1300.66	14.07	1299.07	14.30	1298.84	13.42	1299.72	14.35	1298.79
SK-12S	1313.08	upper	1313.54	1.00-11.00	12.70	1300.38	14.08	1299.00	14.30	1298.78	13.37	1299.71	14.32	1298.76
SK-13S	1312.60	upper	1313.14	ND	15.12	1297.48	16.05	1296.55	16.10	1296.50	15.83	1296.77	16.03	1296.57
SK-1D	1315.61	lower	1315.87	33.50-38.50	15.22	1300.39	16.74	1298.87	16.92	1298.69	16.05	1299.56	~	
SK-1S	1315.43	upper	1315.66	11.50-26.58	16.21	1299.22	17.27	1298.16	17.35	1298.08	16.73	1298.70	~	
SK-2D	1313.47	lower	1313.75	32.75-37.75	13.13	1300.34	14.65	1298.82	14.86	1298.61	13.98	1299.49	14.90	1298.57
SK-2S	1313.51	upper	1313.81	10.75-25.75	13.69	1299.82	14.97	1298.54	15.10	1298.41	14.32	1299.19	15.14	1298.37
SK-3D	1313.37	lower	1313.67	32.70-39.70	12.73	1300.64	14.30	1299.07	14.48	1298.89	13.66	1299.71	~	
SK-3S	1313.33	upper	1313.67	9.50-24.50	13.02	1300.31	14.34	1298.99	14.75	1298.58	13.68	1299.65	~	
SK-4D	1312.84	lower	1313.05	30.00-35.00	11.98	1300.86	13.59	1299.25	13.88	1298.96	12.90	1299.94	13.88	1298.96
SK-4S	1312.80	upper	1313.03	6.75-21.75	11.90	1300.90	13.52	1299.28	13.79	1299.01	12.82	1299.98	13.81	1298.99
SK-5D	1313.65	lower	1313.96	32.25-37.25	13.03	1300.62	14.56	1299.09	14.78	1298.87	13.90	1299.75	~	
SK-5S	1313.49	upper	1314.03	8.50-23.50	13.50	1299.99	14.74	1298.75	14.95	1298.54	14.04	1299.45	~	
SK-6S	1316.98	upper	1317.25	11.75-26.75	17.39	1299.59	18.34	1298.64	18.49	1298.49	17.88	1299.10	~	
SK-7D	1317.72	lower	1318.10	29.00-34.00	16.25	1301.47	17.77	1299.95	18.01	1299.71	16.90	1300.82	17.97	1299.75
SK-8D	1315.08	lower	1315.44	26.50-31.50	14.23	1300.85	15.72	1299.36	15.97	1299.11	14.98	1300.10	15.90	1299.18
SK-8S	1314.78	upper	1315.04	2.00-12.00	14.57	1300.21	15.53	1299.25	15.74	1299.04	14.83	1299.95	15.74	1299.04
SK-9D	1316.42	lower	1316.89	29.00-34.00	15.32	1301.10	16.86	1299.56	17.09	1299.33	16.07	1300.35	17.08	1299.34
SK-B68	1314.08	upper	1314.51	15.00-25.00	13.48	1300.60	14.71	1299.37	14.89	1299.19	13.94	1300.14	~	
SK-B92	1313.19	upper	1312.74	11.00-21.00	12.22	1300.97	14.69	1298.50	13.91	1299.28	12.95	1300.24	~	
SK-OW1	1315.62	upper	unknown	ND	15.06	1300.56	17.53	1298.09	16.78	1298.84	~	~	~	
WND-32DR	ND	lower	ND	ND	17.02	-17.02	18.58	-18.58	18.82	-18.82	17.71	-17.71	18.80	-18.80
WND-32S	1318.25	upper	1318.75	14.00-24.00	16.60	1301.65	18.14	1300.11	18.44	1299.81	17.32	1300.93	18.42	1299.83

Note:

~ = Well not installed at time of gauging

DTW = Depth to Water

ND - No Data Available

ft-msl = Elevation in feet above mean sea level

TOC = Top of casing

NM = Well not gauged

Table 4
Vertical Gradients
Clean Harbors Kansas, LLC

Well ID	SK-1S	SK-1D	SK-2S	SK-2D	SK-3S	SK-3D	SK-4S	SK-4D	SK-5S	SK-5D	SK-8S	SK-8D	SK-12S	SK-12D
Midpoint of Screen (ft-msl)	1296.43	1279.61	1295.26	1278.22	1296.33	1276.97	1298.55	1280.34	1297.49	1278.9	1297.43	1281.46	1297.08	1278.14
Distance Between Screens (feet)	16.82		17.04		19.36		18.21		18.59		15.97		18.94	
October 2004	GW Elevation	1298.61	1299.51	1299.2	1299.43	1299.64	1299.7	1299.88	1299.87	1299.58	1299.74	1299.85	1300.08	~
	Vertical Gradient	-0.0535		-0.0135		-0.0031		0.0005		-0.0086		-0.0144		~
February 2005	GW Elevation	1298.61	1299.41	1299.03	1299.30	1299.43	1299.56	1299.73	1299.95	1299.37	1299.60	1299.77	1299.92	1299.50
	Vertical Gradient	-0.0476		-0.0158		-0.0067		-0.0121		-0.0124		-0.0094		-0.0042
March 2005	GW Elevation	1298.51	1299.34	1299.01	1299.24	1299.46	1299.50	1299.71	1299.91	1299.37	1299.55	1299.68	1299.89	1299.51
	Vertical Gradient	-0.0493		-0.0135		-0.0021		-0.0110		-0.0097		-0.0131		-0.0011
April 2005	GW Elevation	1298.66	1299.58	1299.20	1299.50	1299.67	1299.77	1299.98	1300.20	1299.57	1299.82	1299.88	1300.13	1299.73
	Vertical Gradient	-0.0547		-0.0176		-0.0052		-0.0121		-0.0135		-0.0157		-0.0042
July 2005	GW Elevation	1299.23	1300.4	1299.95	1300.32	1300.51	1300.63	1300.93	1301.09	1300.43	1300.67	1300.75	1301.02	1300.58
	Vertical Gradient	-0.0696		-0.0217		-0.0062		-0.0088		-0.0129		-0.0169		-0.0042
October 2005	GW Elevation	1298.67	1299.66	1299.3	1299.59	1299.76	1299.88	1300.08	1300.28	1299.69	1299.9	1299.99	1300.22	1299.84
	Vertical Gradient	-0.0589		-0.0170		-0.0062		-0.0110		-0.0113		-0.0144		-0.0032
April 2006	GW Elevation	1298.08	1298.78	1298.39	1298.64	1298.76	1298.9	1299.07	1299.18	1298.69	1298.92	1299.04	1299.25	1298.83
	Vertical Gradient	-0.0416		-0.0147		-0.0072		-0.0060		-0.0124		-0.0131		-0.0042
October 2006	GW Elevation	1298.35	1299.31	1298.93	1299.16	1299.37	1299.44	1299.52	1299.60	1299.27	1299.47	1299.57	1299.82	1299.41
	Vertical Gradient	-0.0571		-0.0135		-0.0036		-0.0044		-0.0108		-0.0157		-0.0021
April 2007	GW Elevation	1298.53	1299.58	1299.11	1299.53	1299.56	1299.82	1300.01	1299.98	1299.45	1299.82	1299.7	1300.04	1299.62
	Vertical Gradient	-0.0624		-0.0246		-0.0134		0.0016		-0.0199		-0.0213		-0.0111
October 2007	GW Elevation	1298.84	1299.98	1299.59	1299.89	1300.09	1300.19	1300.45	1300.42	1299.96	1300.25	1300.25	1300.57	1300.16
	Vertical Gradient	-0.0678		-0.0176		-0.0052		0.0016		-0.0156		-0.0200		-0.0032
April 2008	GW Elevation	1298.76	1299.78	1299.36	1299.67	1299.84	1299.95	1300.18	1300.16	1299.7	1300.01	1299.99	1300.32	1299.89
	Vertical Gradient	-0.0606		-0.0182		-0.0057		0.0011		-0.0167		-0.0207		-0.0042
April 2009	GW Elevation	1298.92	1300.11	1299.56	1300	1300.07	1300.31	1300.36	1300.54	1298.91	1300.36	1300.27	1300.69	1300.16
	Vertical Gradient	-0.0707		-0.0258		-0.0124		-0.0099		-0.0780		-0.0263		-0.0095
November 2009	GW Elevation	1299.13	1300.23	1299.81	1300.15	1300.34	1300.46	1300.72	1300.67	1300.14	1300.5	1300.56	1300.8	1300.39
	Vertical Gradient	-0.0654		-0.0200		-0.0062		0.0027		-0.0194		-0.0150		-0.0032
April 2010	GW Elevation	1298.6	1299.57	1299.14	1299.49	1299.62	1299.83	1300.06	1300.03	1299.4	1299.81	1299.78	1300.11	1299.69
	Vertical Gradient	-0.0577		-0.0205		-0.0108		0.0016		-0.0221		-0.0207		-0.0069
November 2010	GW Elevation	1298.2	1299.07	1298.7	1298.99	1299.21	1299.29	1299.58	1299.50	1298.96	1299.31	1299.38	1299.6	1299.28
	Vertical Gradient	-0.0517		-0.0170		-0.0041		0.0044		-0.0188		-0.0138		-0.0011
April 2011	GW Elevation	1297.89	1298.52	1298.26	1298.48	1298.64	1298.7	1298.87	1298.87	1298.44	1298.72	1298.91	1298.96	1298.65
	Vertical Gradient	-0.0375		-0.0129		-0.0031		0.0000		-0.0151		-0.0031		-0.0053
October 2011	GW Elevation	1297.83	1298.47	1298.20	1298.36	1298.55	1298.63	1298.80	1298.77	1298.34	1298.64	1298.81	1298.94	1298.58
	Vertical Gradient	-0.0380		-0.0094		-0.0041		0.0016		-0.0161		-0.0081		0.0005
April 2012	GW Elevation	1299.22	1300.39	1299.82	1300.34	1300.31	1300.64	1300.90	1300.86	1299.99	1300.62	1300.21	1300.85	1300.38
	Vertical Gradient	-0.0696		-0.0305		-0.0170		0.0022		-0.0339		-0.0401		-0.0148
October 2012	GW Elevation	1298.16	1298.87	1298.54	1298.82	1298.99	1299.07	1299.28	1299.25	1298.75	1299.09	1299.25	1299.36	1299.00
	Vertical Gradient	-0.0422		-0.0164		-0.0041		0.0016		-0.0183		-0.0069		-0.0037
April 2013	GW Elevation	1298.08	1298.69	1298.41	1298.61	1298.58	1298.89	1299.01	1298.96	1298.54	1298.87	1299.04	1299.11	1298.78
	Vertical Gradient	-0.0363		-0.0117		-0.0160		0.0027		-0.0178		-0.0044		-0.0032
October 2013	GW Elevation	1298.70	1299.56	1299.19	1299.49	1299.65	1299.71	1299.98	1299.94	1299.45	1299.75	1299.95	1300.10	1299.71
	Vertical Gradient	-0.0511		-0.0176		-0.0031		0.0022		-0.0161		-0.0094		-0.0005
April 2014	GW Elevation	Decommissioned	1298.37	1298.57	Decommissioned	1298.37	1298.57	Decommissioned	1299.98	1299.94	Decommissioned	1299.04	1299.18	1298.76
	Vertical Gradient		-0.0117			-0.0117			0.0022			-0.0088		-0.0016

ft msl - feet mean sea level

GW Elevation - groundwater elevation measured in feet mean sea level

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
		100	5	NA	2
HRI-03	4/25/01	<1	95	<4	<2
	11/11/01	<2	120	<8	<4
	8/25/02	<0.5	26	<2	<1
	10/22/03	<0.5	31	<2	<1
	10/20/04	<1	75	<4	<2
	2/02/05	<0.5	56	<2	<1
	4/14/05	<1	58	<4	<2
	DUP	<1	70	<4	<2
	7/07/05	<0.5	55	<2	<1
	DUP	<0.5	57	<2	<1
	4/19/06	<1.3	110	<5.3	<2.7
	10/10/06	<2.5	120	<10	<5
	4/11/07	<1.0	120	<4.0	<2.0
	10/30/07	<1.0	71	<4.0	<2.0
	4/07/08	<2.5	89	<10	<5.0
	4/24/09	<2.0	53.6	<2.0	<2.0
	DUP	<2.0	40.4	<2.0	<2.0
	11/14/09	<2.0	56.0	<2.0	<2.0
	4/30/10	<2.0	50.1	<2.0	<2.0
	11/17/10	<2.0	29.1	<2.0	<2.0
	DUP	<2.0	31.0	<2.0	<2.0
	4/14/11	<2.0	37.2	<2.0	<2.0
	10/19/11	<1.0	28.6	<1.0	<1.0
	4/19/12	<1.0	15.3	<1.0	<1.0
	11/01/12	<1.0	22.6	<1.0	<1.0
	4/17/13	<1.0	23.1	<1.0	<1.0
	10/19/13	DUP	134	<4.0	<2.0
	10/20/13	<1.0	20.4	<2.0	<1.0
MW-10	4/25/01	<10	<20	<40	<20
	11/11/01	<20	<40	<80	<40
	8/25/02	<2	13	<8	<4
	10/21/03	<5	13	<20	<10
	10/20/04	<1.3	13	<5.3	<2.7
	2/01/05	<5	18	<20	<10
	4/13/05	<4	14	<16	<8
	7/05/05	<2	16	<8	<4
	4/18/06	<3.3	6.9	<13	<6.7
	10/10/06	<5	<10	<20	<10
	4/13/07	<2.5	6.9	<10	<5.0
	10/30/07	<2.5	12	<10	<5.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,3-Dichlorobenzene (µg/L)	4-Isopropyltoluene (µg/L)	Benzene (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Dibromochloromethane (µg/L)	Ethane (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (µg/L)	Methane (µg/L)	N-Butylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	Tert-Butylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)					
			200	0.067	2.4	7	NA	70	15	5	370	NA	NA	5	0.12	NA	5	100	NA	0.19	NA	70	0.15	NA	700	NA	5	0.14	NA	1300	NA	NA	5	1000	10000
		MCL	200	0.067	2.4	7	NA	70	15	5	370	NA	NA	5	0.12	NA	5	100	NA	0.19	NA	70	0.15	NA	700	NA	5	0.14	NA	1300	NA	NA	5	1000	10000
MW-10	4/06/08		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10				
	4/25/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0				
	11/14/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0					
	5/02/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0					
	11/18/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0					
	4/13/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0					
	10/18/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0					
	4/18/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0					
	10/31/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0					
	DUP		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0						
	4/18/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0						
	10/19/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0						
	4/15/14		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0						
	DUP		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0						
MW-11	4/25/01		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	11/11/01		<1	<1	<1	<1	<1	<1	1.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2700 D	<1	<1	<1	2.5	<1	<1	<1	<1	<2			
	DUP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.9	1900 D	<1	5.9	5.4	2.7	2.4	<1	<1	<1	<1	<2		
	8/25/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2			
	10/21/03		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2			
	10/20/04		<1	<1																															

Table 5
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Clean Harbors Kansas, LLC

		MCL			
		100	5	NA	2
MW-10	4/06/08	<2.5	9.3	<10	<5.0
	4/25/09	<2.0	12.0	<2.0	<2.0
	11/14/09	<2.0	10.4	<2.0	<2.0
	5/02/10	<2.0	10.0	<2.0	<2.0
	11/18/10	<2.0	9.5	<2.0	<2.0
	4/13/11	<2.0	6.9	<2.0	<2.0
	10/18/11	<1.0	4.5	<1.0	<1.0
	4/18/12	<1.0	1.0	<1.0	<1.0
	10/31/12	<1.0	1.3	<1.0	<1.0
	DUP	<1.0	1.2	<1.0	<1.0
	4/18/13	<1.0	2.0	<1.0	<1.0
	10/19/13	<1.0	3.2	<2.0	<1.0
	4/15/14	<1.0	4.0	<2.0	<1.0
	DUP	<1.0	3.7	<2.0	<1.0
MW-11	4/25/01	<0.5	<1	<2	<1
	11/11/01	<0.5	<1	<2	<1
	DUP	<0.5	<1	<2	<1
	8/25/02	<0.5	<1	<2	<1
	10/21/03	<0.5	<1	<2	<1
	10/20/04	<0.5	<1	<2	<1
	2/01/05	<0.5	<1	<2	<1
	4/14/05	<0.5	<1	<2	<1
	7/05/05	<0.5	<1	<2	<1
	4/17/06	<0.5	<1	<2	<1
	10/11/06	<0.5	<1	<2	<1
	4/12/07	<0.50	<1.0	<2.0	<1.0
	10/30/07	<0.50	<1.0	<2.0	<1.0
	4/06/08	<0.50	<1.0	<2.0	<1.0
	4/25/09	<2.0	<2.0	<2.0	<2.0
	11/13/09	<2.0	<2.0	<2.0	<2.0
	4/30/10	<2.0	<2.0	<2.0	<2.0
	11/17/10	<2.0	62.5	<2.0	<2.0
	4/13/11	<2.0	<2.0	<2.0	<2.0
	10/18/11	<1.0	<1.0	<1.0	<1.0
	4/18/12	<1.0	<1.0	<1.0	<1.0
	10/31/12	<1.0	<1.0	<1.0	<1.0
	4/17/13	<1.0	<1.0	<1.0	<1.0
	10/19/13	<1.0	<1.0	<2.0	<1.0
	4/15/14	<1.0	<1.0	<2.0	<1.0
MW-14	4/25/01	<5	11	<20	<10

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

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		MCL			
		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
		100	5	NA	2
MW-14	11/11/01	<20	<40	<80	<40
	8/25/02	<0.5	2.6	<2	<1
	10/21/03	<0.5	2.9	<2	<1
	10/20/04	<0.5	4.5	<2	<1
	2/01/05	<0.5	9.3	<2	<1
	4/13/05	<0.5	14	<2	<1
	7/05/05	<0.5	7.8	<2	<1
	4/18/06	<0.5	27	<2	<1
	10/10/06	0.9	9.7	<2	<1
	4/12/07	1.3	12	<2.0	<1.0
	10/30/07	0.64	3.4	<2.0	<1.0
	4/06/08	0.73	10	<2.0	<1.0
	4/25/09	<2.0	4.2	<2.0	<2.0
	11/14/09	<2.0	<2.0	<2.0	<2.0
	5/02/10	<2.0	<2.0	<2.0	<2.0
	11/17/10	<2.0	<2.0	<2.0	<2.0
	4/13/11	3.4	<2.0	<2.0	<2.0
	10/18/11	3.2	<1.0	<1.0	<1.0
	4/18/12	1.9	1.3	<1.0	<1.0
	10/31/12	3.6	<1.0	<1.0	<1.0
	4/17/13	2.6	<1.0	<1.0	<1.0
	10/19/13	1.9	<1.0	<2.0	<1.0
	4/15/14	1.7	<1.0	<2.0	<1.0
MW-15	10/21/03	<0.5	14	<2	<1
	10/19/04	<0.5	9.6	<2	<1
	2/01/05	<0.5	6.8	<2	<1
	4/13/05	<0.5	7.1	<2	<1
	7/06/05	<0.5	10	<2	<1
	4/18/06	<0.5	6.3	<2	<1
	10/10/06	<0.5	13	<2	<1
	4/11/07	<0.50	15	<2.0	<1.0
	10/30/07	<0.50	23	<2.0	<1.0
	4/06/08	<0.50	27	<2.0	<1.0
	4/25/09	<2.0	36.0	<2.0	<2.0
	11/14/09	<2.0	41.7	<2.0	<2.0
	5/02/10	<2.0	37.8	<2.0	<2.0
	11/17/10	<2.0	29.9	<2.0	<2.0
	4/13/11	<2.0	21.8	<2.0	<2.0
	10/18/11	<1.0	26.3	<1.0	<1.0
	DUP	<1.0	20.3	<1.0	<1.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
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		MCL			
		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
MW-15		100	5	NA	2
MW-15	4/18/12	<1.0	31.7	<1.0	<1.0
	10/31/12	<1.0	20.7	<1.0	<1.0
	4/17/13	<1.0	12.4	<1.0	<1.0
	10/19/13	<1.0	18.1	<2.0	<1.0
	4/15/14	<1.0	10.7	<2.0	<1.0
MW-18	10/21/03	<0.5	<1	<2	<1
	10/19/04	<0.5	<1	<2	<1
	2/01/05	<0.5	<1	<2	<1
	4/13/05	<0.5	1	<2	<1
	7/06/05	<0.5	<1	<2	<1
	4/18/06	<0.5	<1	<2	<1
	10/09/06	DUP	<0.5	<1	<2
	10/10/06		<0.5	<1	<2
	4/11/07	<0.50	<1.0	<2.0	<1.0
	10/29/07	<0.50	4.1	<2.0	<1.0
	4/06/08	<0.50	3.3	<2.0	<1.0
	4/25/09	<2.0	4.6	<2.0	<2.0
	11/13/09	<2.0	5.8	<2.0	<2.0
	5/02/10	<2.0	6.4	<2.0	<2.0
	11/18/10	<2.0	3.8	<2.0	<2.0
	4/13/11	<2.0	<2.0	<2.0	<2.0
	10/19/11	<1.0	<1.0	<1.0	<1.0
	4/18/12	<1.0	<1.0	<1.0	<1.0
	10/31/12	<1.0	1.8	<1.0	<1.0
	4/17/13	<1.0	1.5	<1.0	<1.0
	10/19/13	<1.0	1.2	<2.0	<1.0
	4/15/14	<1.0	<1.0	<2.0	<1.0
RSC-1	4/25/01	<0.5	3.1	<2	<1
	11/11/01	<0.5	4.9	<2	<1
	8/25/02	<0.5	7.6	<2	<1
	10/21/03	<0.5	14	<2	<1
	DUP	<0.5	14	<2	<1
	10/20/04	<0.5	20	<2	<1
	2/01/05	<0.5	18	<2	<1
	4/13/05	<0.5	16	<2	<1
	DUP	<0.5	17	<2	<1
	7/06/05	<0.5	18	<2	<1
	4/16/06	DUP	<0.5	22	<2
	4/17/06		<0.5	22	<2
	10/09/06		<0.5	20	<2

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	MCL					
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)	
		100	5	NA	2	
RSC-1	4/10/07	DUP	<0.50	20	<2.0	<1.0
	4/11/07		<0.50	20	<2.0	<1.0
	10/31/07		<0.50	25	<2.0	<1.0
	4/08/08		<0.50	34	<2.0	<1.0
	4/25/09		<2.0	67.9	<2.0	<2.0
	11/14/09		<2.0	91.1	<2.0	<2.0
	4/30/10		<2.0	122	<2.0	<2.0
	11/17/10		<2.0	138	<2.0	<2.0
	4/14/11		<2.0	137	<2.0	<2.0
	10/19/11		<1.0	118	<1.0	<1.0
		DUP	<1.0	135	<1.0	<1.0
	4/18/12		<1.0	158	<1.0	<1.0
	10/30/12		<1.0	165	<1.0	<1.0
	4/17/13		<1.0	167	<1.0	<1.0
	10/19/13		<1.0	146	<2.0	<1.0
	4/15/14		<1.0	117	<2.0	<1.0
SK-10S	11/11/01		<2	9.7	<8	51
		DUP	<2	12	<8	59
	8/25/02		<1.7	14	<6.7	28
	10/21/03		0.89	4.4	<2	5.3
	10/19/04		1.6	4.7	<2	12
	2/02/05		1.2	3.9	<2	19
	4/13/05		1.5	3.1	<2	17
	7/06/05		1.2	2.1	<2	4.4
	4/17/06	DUP	0.75	4.1	<2	6.1
	4/18/06		0.83	4.5	<2	5.9
	10/09/06		0.74	<1	<2	2.1
	4/11/07		1.1	1.9	<2.0	20
	10/29/07		0.79	1.1	<2.0	8.2
	4/08/08		1.1	<1.0	<2.0	6.8
	4/25/09		<2.0	<2.0	<2.0	12.6
	11/14/09		<2.0	<2.0	<2.0	5.1
	4/30/10		<2.0	2.8	<2.0	4.7
	11/18/10		<2.0	<2.0	<2.0	7.9
	4/13/11		<2.0	6.8	<2.0	2.5
	10/19/11		<1.0	3.5	<1.0	4.1
	4/18/12		<1.0	1.9	<1.0	4.7
	10/30/12		<1.0	<1.0	<1.0	5.1
	4/17/13		<1.0	5.4	<1.0	3.1
	10/19/13		1.2	<1.0	<2.0	2.7

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		MCL			
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
		100	5	NA	2
SK-10S	4/16/14	<1.0	3.4	<2.0	1.5
SK-11S	11/11/01	<0.5	16	<2	<1
	8/25/02	<0.5	15	<2	<1
	10/21/03	<10	64	<40	<20
	10/19/04	<5	60	<20	14
	2/02/05	<2.5	52	<10	<5
	4/13/05	<0.66	66	<2.7	<1.3
	7/06/05	<1	66	<4	<2
	4/18/06	<1	69	<4	<2
	10/09/06	<2	24	<8	<4
	4/11/07	<1.0	47	<4.0	3.1
	10/29/07	<4.0	42	<16	<8.0
	4/08/08	<2.0	40	<8.0	4.1
	4/25/09	<2.0	46.8	<2.0	5.8
		DUP	50.2	<2.0	7.8
	11/14/09	<2.0	36.1	<2.0	5.2
	4/30/10	<2.0	48.6	<2.0	<2.0
		DUP	35.1	<2.0	<2.0
	11/18/10	<2.0	52.7	<2.0	<2.0
		DUP	53.6	<2.0	<2.0
	4/13/11	<2.0	76.1	<2.0	<2.0
	10/19/11	<1.0	48.2	<1.0	<1.0
	4/18/12	<1.0	47.0	<1.0	3.6
		DUP	46.6	<1.0	4.0
	10/30/12	<1.0	53.7	<1.0	<1.0
		DUP	61.0	<1.0	<1.0
	4/17/13	<1.0	62.0	<1.0	<1.0
		DUP	67.9	<1.0	<1.0
	10/19/13	<1.0	40.5	<2.0	9.2
	4/16/14	<1.0	50.6	<2.0	<1.0
SK-12D	2/02/05	<1.3	77	<5.3	<2.7
	4/14/05	<1	99	<4	<2
	7/07/05	<1	87	<4	<2
	10/20/05	<2	79	<8	<4
		DUP	75	<8	<4
	4/19/06	<1	70	<4	<2
	10/11/06	<2.5	110	<10	<5
	4/11/07	<1.0	77	<4.0	<2.0
	10/31/07	<2.0	130	<8.0	<4.0
	4/09/08	<2.0	99	<8.0	<4.0

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		MCL			
		100	5	NA	2
SK-12D	4/24/09	<2.0	62.9	<2.0	<2.0
	11/15/09	<2.0	62.2	<2.0	<2.0
	5/01/10	<2.0	51.7	<2.0	<2.0
	11/18/10	<2.0	41.7	<2.0	<2.0
	4/14/11	<2.0	42.7	<2.0	<2.0
	10/19/11	<1.0	43.1	<1.0	<1.0
	4/19/12	<1.0	39.9	<1.0	<1.0
	11/01/12	<1.0	31.4	<1.0	<1.0
	4/18/13	<1.0	33.3	<1.0	<1.0
	10/20/13	<1.0	31.2	<2.0	<1.0
	4/16/14	<1.0	19.6	<2.0	<1.0
SK-12S	2/02/05	<10	23	<40	<20
	4/14/05	<2.5	34	<10	<5
	7/07/05	<3.3	30	<13	<6.7
	10/20/05	<5	22	<20	<10
	4/19/06	<1.7	33	<6.7	<3.3
	10/11/06	<5	20	<20	<10
	4/11/07	<2.0	32	<8.0	<4.0
	10/31/07	<2.0	24	<8.0	<4.0
	4/09/08	<2.0	40	<8.0	<4.0
	4/24/09	<2.0	57.5	<2.0	<2.0
	11/15/09	<2.0	56.8	<2.0	<2.0
	5/01/10	<2.0	51.3	<2.0	<2.0
	11/18/10	<2.0	29.8	<2.0	<2.0
	4/14/11	<2.0	30.5	<2.0	<2.0
	10/19/11	<1.0	20.3	<1.0	<1.0
	4/19/12	<1.0	20.2	<1.0	<1.0
	11/01/12	<1.0	39.1	<1.0	<1.0
	4/18/13	<1.0	49.6	<1.0	<1.0
	10/20/13	<1.0	32.6	<2.0	<1.0
	4/16/14	<1.0	34.7	<2.0	<1.0
SK-13S	3/17/05	<0.5	<1	<2	<1
	4/13/05	<0.5	<1	<2	<1
	7/06/05	<0.5	<1	<2	<1
	10/20/05	<0.5	<1	<2	<1
	4/17/06	<0.5	<1	<2	<1
	10/09/06	<0.5	<1	<2	<1
	4/10/07	<0.50	<1.0	<2.0	<1.0
	10/29/07	<0.50	<1.0	<2.0	<1.0
	4/08/08	<0.50	1.1	<2.0	<1.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
		100	5	NA	2
SK-13S	4/25/09	<2.0	2.3	<2.0	<2.0
	11/13/09	<2.0	<2.0	<2.0	<2.0
	4/30/10	<2.0	<2.0	<2.0	<2.0
	11/18/10	<2.0	<2.0	<2.0	<2.0
	4/13/11	<2.0	2.2	<2.0	<2.0
	10/19/11	<1.0	1.2	<1.0	<1.0
	4/18/12	<1.0	<1.0	<1.0	<1.0
	10/30/12	<1.0	<1.0	<1.0	<1.0
	4/17/13	<1.0	1.1	<1.0	<1.0
	10/19/13	<1.0	2.9	<2.0	<1.0
	4/16/14	<1.0	3.3	<2.0	<1.0
SK-1D	10/26/00	<0.5	<1	<2	<1
	4/24/01	<0.5	<1	<2	<1
	11/11/01	<0.5	<1	<2	<1
	DUP	<0.5	<1	<2	<1
	8/25/02	<0.5	<1	<2	<1
	10/21/03	<0.5	4.6	<2	<1
	10/19/04	<0.5	7.7	<2	<1
	2/02/05	<0.5	8.3	<2	<1
	DUP	<0.5	7.3	<2	<1
	4/13/05	<0.5	7.8	<2	<1
	7/06/05	<0.5	8.6	<2	<1
	4/18/06	<0.5	8.3	<2	<1
	10/10/06	<0.5	5.7	<2	<1
	4/10/07	<0.50	14	<2.0	<1.0
	10/29/07	<0.50	20	<2.0	<1.0
	4/08/08	<0.50	23	<2.0	<1.0
	DUP	<0.50	23	<2.0	<1.0
	4/25/09	<2.0	30.8	<2.0	<2.0
	11/14/09	<2.0	33.0	<2.0	<2.0
	5/02/10	<2.0	29.6	<2.0	<2.0
	11/18/10	<2.0	37.8	<2.0	<2.0
	4/14/11	<2.0	40.7	<2.0	<2.0
	10/19/11	<1.0	51.5	<1.0	<1.0
	4/18/12	<1.0	57.9	<1.0	<1.0
	10/30/12	<1.0	84.4	<1.0	<1.0
	4/18/13	<1.0	99.6	<1.0	<1.0
	10/19/13	<1.0	131	<2.0	<1.0
SK-1S	10/26/00	<0.5	<1	<2	<1
	4/24/01	<0.5	<1	<2	1.8

Table 5
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Clean Harbors Kansas, LLC

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Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
		100	5	NA	2
SK-1S	11/11/01	<0.5	2.1	<2	<1
	8/25/02	<0.5	1.3	<2	<1
	DUP	<0.5	2.6	<2	<1
	10/21/03	<0.5	3.2	<2	3.6
	10/19/04	<0.5	4.2	<2	<1
	2/02/05	<0.5	4.8	<2	2.7
	4/13/05	<0.5	4.7	<2	3.2
	7/06/05	<0.5	5.5	<2	4.3
	4/18/06	<0.5	5.6	<2	<1
	10/10/06	<0.5	11	<2	<1
	4/11/07	<0.50	13	<2.0	<1.0
	10/29/07	<0.50	13	<2.0	<1.0
	4/08/08	<0.50	13	<2.0	1.1
	4/25/09	<2.0	22.6	<2.0	2.7
	11/14/09	<2.0	18.2	<2.0	<2.0
	5/02/10	<2.0	28.2	<2.0	<2.0
	11/18/10	<2.0	28.8	<2.0	<2.0
	4/14/11	<2.0	32.6	<2.0	<2.0
	10/19/11	<1.0	38.3	<1.0	<1.0
SK-2D	4/18/12	<1.0	41.0	<1.0	<1.0
	10/30/12	<1.0	39.1	<1.0	<1.0
	4/18/13	<1.0	60.9	<1.0	<1.0
	10/19/13	<1.0	87.0	<2.0	<1.0
	10/26/00	<5	240	<20	<10
	DUP	<5	290	<20	<10
	4/24/01	<10	270	<40	<20
	11/11/01	<2	210	<8	<4
	8/25/02	<1.2	140	<5	<2.5
	10/22/03	<2.5	81	<10	<5
	10/20/04	<3.3	210	<13	<6.7
	2/02/05	<5	220	<20	<10
	4/14/05	<2.5	260	<10	<5
	7/07/05	<5	310	<20	<10
	4/20/06	<5	190	<20	<10
	10/11/06	<5	150	<20	<10
	4/11/07	<5.0	180	<20	<10
	10/31/07	<2.5	140	<10	<5.0
	4/09/08	<4.0	150	<16	<8.0
	DUP	<2.5	140	<10	<5.0
	4/24/09	<2.0	189	<2.0	<2.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,3-Dichlorobenzene (µg/L)	4-Isopropyltoluene (µg/L)	Benzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Dibromochloromethane (µg/L)	Ethane (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (µg/L)	Methane (µg/L)	N-Butylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	Tert-Butylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)		
		MCL	200	0.067	2.4	7	NA	70	15	5	370	NA	NA	5	0.12	NA	5	100	NA	0.19	NA	70	0.15	NA	700	NA	5	0.14	NA	1300	NA	5	1000	10000
SK-2D	11/15/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	8.6	<2.0	<6.0			
	5/01/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	6.9	<2.0	<6.0				
	DUP		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	6.7	<2.0	<6.0				
	11/16/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	5.4	<2.0	<6.0					
	4/14/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.5	<2.0	<6.0					
	10/20/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<3.0					
	4/19/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	<1.0	<3.0					
	11/01/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<3.0					
	4/18/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<3.0					
	10/20/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<2.0					
	4/16/14		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<2.0					
SK-2S	10/26/00		6.3	<1	2.3	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	38	<1	<1	<1	<1	<1	31	<1	<2					
	4/24/01		150	<20	35	<20	26	22	<20	<20	<20	23	<20	<20	<20	<20	<20	<20	<20	<20	730	<20	<0.5	<20	<20	160 D	<20	29	<20	<20	600	<20	<40	
	11/11/01		38	<8	17	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<16	260	<8	<0.5	<8	<8	160 D	<8	<8	<8	<8	180	<8	<16	
	8/25/02		300	<33	47	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<67	67	1500	<33	<0.5	<33	<33	220 D	<33	<33	<33	<33	1100	<33	<67	
	10/22/03		44	<10	16	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	200	<10	<10	<10	<10	<10	<10	<10	<10	370	<10	<20			
	10/20/04		34	<6.7	13	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	270	<6.7	<6.7	<6.7	<6.7	290	<6.7	<13							
	2/02/05		30	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	280	<20	<20	<20	<20	360	<20	<20	<20	<20	360	<20	<40		
	4/14/05		34 </td																															

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
MCL		100	5	NA	2
SK-2D	11/15/09	<2.0	181	<2.0	<2.0
	5/01/10	<2.0	147	<2.0	<2.0
	DUP	<2.0	140	<2.0	<2.0
	11/16/10	<2.0	107	<2.0	<2.0
	4/14/11	<2.0	84.7	<2.0	<2.0
	10/20/11	<1.0	78.0	<1.0	<1.0
	4/19/12	<1.0	51.6	<1.0	<1.0
	11/01/12	<1.0	45.6	<1.0	<1.0
	4/18/13	<1.0	47.6	<1.0	<1.0
	10/20/13	<1.0	48.6	<2.0	<1.0
SK-2S	4/16/14	<1.0	39.4	<2.0	<1.0
	10/26/00	<0.5	19	<2	<1
	4/24/01	<10	390	<40	<20
	11/11/01	<4	100	<16	<8
	8/25/02	<17	570	<67	<33
	10/22/03	<5	180	<20	<10
	10/20/04	<3.3	150	<13	<6.7
	2/02/05	<10	160	<40	<20
	4/14/05	<5	140	<20	<10
	7/07/05	<5	210	<20	<10
	4/20/06	<5	94	<20	<10
	10/11/06	<5	88	<20	<10
	4/11/07	<10	130	<40	<20
	10/31/07	<2.5	63	<10	<5.0
	4/09/08	<2.5	66	<10	<5.0
	4/24/09	<2.0	50.8	<2.0	3.5
	11/15/09	<2.0	66.5	<2.0	<2.0
	DUP	<2.0	81.4	<2.0	<2.0
	5/01/10	2.5	72.9	<2.0	<2.0
	11/16/10	2.0	96.7	<2.0	<2.0
	DUP	2.3	76.1	<2.0	<2.0
	4/14/11	3.0	132	<2.0	2.5
	DUP	2.9	132	<2.0	2.4
	10/20/11	2.8	103	<1.0	6.0
	DUP	1.8	57.4	<1.0	7.4
	4/19/12	<1.0	29.9	<1.0	3.0
	DUP	<1.0	16.0	<1.0	4.7
	11/01/12	2.0	73.8	<1.0	1.8
	DUP	3.1	76.3	<1.0	2.6
	4/18/13	6.0	234	<1.0	2.7

Table 5
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Clean Harbors Kansas, LLC

Table 5
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Clean Harbors Kansas, LLC

		MCL	Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
			100	5	NA	2
SK-2S	4/18/13	DUP	8.4	205	<1.0	3.5
	10/20/13		<5.0	129	<10	<5.0
		DUP	<5.0	134	<10	<5.0
	4/16/14		3.2	50.6	<2.0	2.4
SK-3D		DUP	2.0	41.7	<2.0	2.7
	10/26/00		<1	42	<4	<2
	4/24/01		<2	90	<8	<4
	4/25/01	DUP	<1	94	<4	<2
	11/11/01		<1	69	<4	<2
	8/25/02		<0.5	54	<2	<1
	10/22/03		<1.7	89	<6.7	<3.3
	10/20/04		<2	92	<8	<4
	2/02/05		<1	88	<4	<2
	4/14/05		<1	93	<4	<2
	7/07/05		<1	78	<4	<2
	4/19/06		<1	50	<4	<2
	10/11/06		<1	55	<4	<2
	4/11/07		<0.50	53	<2.0	<1.0
	10/31/07		<1.0	86	<4.0	<2.0
	4/08/08		<1.0	65	<4.0	<2.0
	4/24/09		<2.0	51.5	<2.0	<2.0
	11/15/09		<2.0	49.2	<2.0	<2.0
	5/01/10		<2.0	38.1	<2.0	<2.0
	11/18/10		<2.0	32.8	<2.0	<2.0
	4/14/11		<2.0	31.5	<2.0	<2.0
	10/20/11		<1.0	33.9	<1.0	<1.0
	4/19/12		<1.0	27.1	<1.0	<1.0
	10/31/12		<1.0	25.0	<1.0	<1.0
	4/18/13		<1.0	22.3	<1.0	<1.0
	10/20/13		<1.0	13.4	<2.0	<1.0
SK-3S	10/26/00		<0.5	7.4	<2	<1
	4/24/01		<5	46	<20	<10
	11/11/01		<1	35	<4	<2
		DUP	<2.5	35	<10	<5
	8/25/02		<0.5	30	<2	<1
		DUP	<1	31	<4	<2
	10/22/03		<5	60	<20	<10
	10/20/04		<0.5	25	<2	<1
		DUP	<0.5	24	<2	<1
	2/02/05		<1	32	<4	<2

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Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
		100	5	NA	2
SK-3S	4/14/05	<1	47	<4	<2
	7/07/05	<5	49	<20	<10
	4/19/06	<2	35	<8	<4
	10/11/06	<5	48	<20	<10
	4/11/07	<25	<50	<100	<50
	10/31/07	<2.5	55	<10	<5.0
	4/07/08	<2.0	89	<8.0	<4.0
		DUP	<0.50	57	<2.0
	4/24/09	<2.0	38.9	<2.0	<2.0
	11/15/09	<2.0	27.6	<2.0	<2.0
	5/01/10	<2.0	28.3	<2.0	<2.0
	11/18/10	<2.0	23.4	<2.0	<2.0
	4/14/11	<2.0	23.8	<2.0	<2.0
	10/20/11	<1.0	24.3	<1.0	<1.0
	4/19/12	<1.0	22.1	<1.0	<1.0
	10/31/12	<1.0	16.3	<1.0	<1.0
	4/18/13	<1.0	18.9	<1.0	<1.0
	10/20/13	<1.0	23.0	<2.0	<1.0
SK-4D	11/11/01	<1	63	<4	<2
	8/25/02	<1	63	<4	<2
	10/21/03	<0.5	25	<2	4.3
	10/20/04	<1	57	<4	<2
	2/02/05	<1	80	<4	<2
	4/14/05	<1	87	<4	<2
	7/07/05	<1	88	<4	<2
	4/19/06	<2	79	<8	<4
	10/11/06	<2.5	110	<10	<5
	4/12/07	DUP	<2.0	140	<8.0
	4/13/07		<2.0	140	<8.0
	10/30/07	DUP	<2.0	100	<8.0
	10/31/07		<2.0	120	<8.0
	4/08/08		<2.0	110	<8.0
	4/24/09		<2.0	63.6	<2.0
	11/15/09		<2.0	55.3	<2.0
	5/01/10		<2.0	50.8	<2.0
	11/18/10		<2.0	43.4	<2.0
	4/14/11		<2.0	43.6	<2.0
	10/19/11		<1.0	44.7	<1.0
	4/19/12		<1.0	31.5	<1.0
	11/01/12		<1.0	32.7	<1.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
MCL		100	5	NA	2
SK-4D	4/18/13	<1.0	34.3	<1.0	<1.0
	10/20/13	<1.0	26.4	<2.0	<1.0
	4/16/14	<1.0	23.8	<2.0	<1.0
SK-4S	10/27/00	<5	33	<20	<10
	4/25/01	<2.5	18	<10	<5
	DUP	<2.5	17	<10	<5
	11/11/01	<1	12	<4	<2
	8/25/02	<5	22	<20	<10
	10/21/03	<0.5	3	<2	1.1
	10/20/04	<2	16	<8	<4
	2/02/05	<0.5	12	<2	1.2
	4/14/05	1	11	<2	<1
	7/07/05	<0.5	11	<2	<1
	4/18/06	DUP	14	<2	<1
	4/19/06	<0.5	13	<2	<1
	10/11/06	<0.5	18	<2	<1
	4/13/07	<0.50	23	<2.0	<1.0
	10/31/07	<0.50	20	<2.0	<1.0
	4/08/08	<0.50	21	<2.0	<1.0
	4/24/09	<2.0	14.8	<2.0	<2.0
	11/15/09	<2.0	11.7	<2.0	<2.0
	5/01/10	<2.0	8.8	<2.0	<2.0
	11/18/10	<2.0	10	<2.0	<2.0
	4/14/11	<2.0	10.2	<2.0	<2.0
	10/19/11	<1.0	10	<1.0	<1.0
	4/19/12	<1.0	1.9	<1.0	<1.0
	11/01/12	<1.0	6.8	<1.0	<1.0
	4/18/13	<1.0	9.6	<1.0	<1.0
	10/20/13	<1.0	7.0	<2.0	<1.0
	4/16/14	<1.0	8.5	<2.0	<1.0
SK-5D	10/26/00	<1.7	74	<6.7	<3.3
	4/24/01	<2.5	180	<10	<5
	11/11/01	<2	120	<8	<4
	8/25/02	<2.5	170	<10	<5
	10/21/03	<0.66	77	<2.7	<1.3
	10/20/04	<3.3	130	<13	<6.7
	2/02/05	<5	170	<20	<10
	4/14/05	<2	180	<8	<4
	7/06/05	<2.5	170	<10	<5
	4/20/06	<1.7	110	<6.7	<3.3

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,3-Dichlorobenzene (µg/L)	4-Isopropyltoluene (µg/L)	Benzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Dibromochloromethane (µg/L)	Ethane (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (µg/L)	Methane (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Butylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	Tert-Butylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)	
MCL			200	0.067	2.4	7	NA	70	15	5	370	NA	NA	5	0.12	NA	5	100	NA	0.19	NA	70	0.15	NA	700	NA	5	0.14	NA	1300	NA	NA	5	1000	10000
SK-5D	10/10/06	DUP	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<8	<4	<8	20	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<8		
	10/11/06		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	23	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10		
	4/13/07		<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.3	<2.7	<5.3	27	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.3	
	10/31/07		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	28	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<8.0		
	4/09/08		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	22	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<8.0		
	4/24/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	23.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	11/14/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	26.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	5/01/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	16.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	11/18/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	12.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	4/13/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	10.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	10/20/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0		
	4/19/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	9.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0		
	10/31/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0		
	4/18/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0		
	10/20/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0		
SK-5S	10/26/00		<4	<4	<4	<4	<4	120	<4	42	<4	<4	<4	6.3	<4	<8	20	<8	8.2	<4	33	<4	5	<4	15	<4	12	<4	<4	6	54	161.0			
	4/24/01		5.9	<1	2.4	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	37	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	46	<1	<2			
	11/11/01		24	<4	10	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<8	120	<4	<0.5	<4	<4	<4	110 D	<4	<4	<4	<4	<4	230	<4	<8		
	8/25/02		6.5	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	81	<4	<0.5	<4	<4	<4	<320 D	<4	<4	<							

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
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		MCL	Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
			100	5	NA	2
SK-5D	10/10/06	DUP	<2	94	<8	<4
	10/11/06		<2.5	100	<10	<5
	4/13/07		<1.3	140	<5.3	<2.7
	10/31/07		<2.0	83	<8.0	<4.0
	4/09/08		<2.0	98	<8.0	<4.0
	4/24/09		<2.0	123	<2.0	<2.0
	11/14/09		<2.0	108	<2.0	<2.0
	5/01/10		<2.0	80.0	<2.0	<2.0
	11/18/10		<2.0	55.9	<2.0	<2.0
	4/13/11		<2.0	51.0	<2.0	<2.0
	10/20/11		<1.0	48.8	<1.0	<1.0
	4/19/12		<1.0	44.1	<1.0	<1.0
	10/31/12		<1.0	37.3	<1.0	<1.0
	4/18/13		<1.0	43.3	<1.0	<1.0
	10/20/13		<1.0	38.1	<2.0	<1.0
SK-5S	10/26/00		<2	63	<8	<4
	4/24/01		<0.5	22	<2	<1
	11/11/01		<2	90	<8	<4
	8/25/02		<2	32	<8	<4
	10/21/03		<1	50	<4	<2
	10/20/04		<0.5	13	<2	<1
	2/02/05		<1	15	<4	<2
	4/14/05		<1.3	22	<5.3	<2.7
	7/06/05		<2	26	<8	<4
	4/19/06	DUP	<0.5	13	<2	<1
	4/20/06		<1.3	15	<5.3	<2.7
	10/11/06		<5	78	<20	<10
	4/13/07		<4.0	58	<16	<8.0
	10/31/07		<0.50	21	<2.0	<1.0
	4/09/08		<0.50	7.1	<2.0	<1.0
	4/24/09		<2.0	8.7	<2.0	<2.0
	11/14/09		<2.0	2.6	<2.0	<2.0
	5/01/10		<2.0	15.9	<2.0	<2.0
	11/18/10		<2.0	<2.0	<2.0	<2.0
	4/13/11		<2.0	2.4	<2.0	<2.0
		DUP	<2.0	2.3	<2.0	<2.0
	10/20/11		<1.0	4.2	<1.0	<1.0
	4/19/12		<1.0	<1.0	<1.0	<1.0
	10/31/12		<1.0	<1.0	<1.0	<1.0
	4/18/13		<1.0	2.6	<1.0	<1.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
MCL		100	5	NA	2
SK-5S	10/20/13	<1.0	12.3	<2.0	<1.0
SK-6S	10/26/00	<0.5	<1	<2	<1
	4/24/01	<0.5	<1	<2	<1
	11/11/01	<0.5	<1	<2	<1
	8/25/02	<0.5	9.2	<2	<1
	10/21/03	<0.5	1.3	<2	<1
	10/19/04	<0.5	5.5	<2	<1
	2/02/05	<0.5	2.3	<2	<1
	4/13/05	<0.5	1.6	<2	<1
	7/06/05	<0.5	1.7	<2	<1
	4/17/06	<0.5	<1	<2	<1
	10/08/06	DUP	<0.5	1.6	<2
	10/09/06	<0.5	1.8	<2	<1
	4/09/07	DUP	<0.50	1.3	<2.0
	4/10/07		<0.50	1.5	<2.0
	10/28/07	DUP	<0.50	10	<2.0
	10/29/07	<0.50	10	<2.0	<1.0
	4/08/08	<0.50	13	<2.0	<1.0
	4/24/09	<2.0	21.2	<2.0	<2.0
	11/13/09	<2.0	20.7	<2.0	<2.0
	4/30/10	<2.0	14.8	<2.0	<2.0
	11/17/10	<2.0	19.0	<2.0	<2.0
	4/14/11	<2.0	5.3	<2.0	<2.0
	10/19/11	<1.0	4.2	<1.0	<1.0
	4/18/12	<1.0	1.2	<1.0	<1.0
	10/30/12	<1.0	7.0	<1.0	<1.0
	4/18/13	<1.0	1.5	<1.0	<1.0
	10/19/13	<1.0	2.7	<2.0	<1.0
SK-7D	10/21/04	<5	200	<20	<10
	DUP	<5	210	<20	<10
	2/01/05	<3.3	210	<13	<6.7
	DUP	<5	200	<20	<10
	4/13/05	<2	150	<8	<4
	7/05/05	<2.5	160	<10	<5
	4/18/06	<2	110	<8	<4
	10/10/06	<2.5	96	<10	<5
	4/12/07	<2.0	150	<8.0	<4.0
	10/30/07	<2.0	140	<8.0	<4.0
	4/06/08	<2.5	100	<10	<5.0
	4/25/09	<2.0	149	<2.0	<2.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,3-Dichlorobenzene (µg/L)	4-Isopropyltoluene (µg/L)	Benzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Dibromochloromethane (µg/L)	Ethane (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (µg/L)	Methane (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Butylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	Tert-Butylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)		
			200	0.067	2.4	7	NA	70	15	5	370	NA	NA	5	0.12	NA	5	100	NA	0.19	NA	70	0.15	NA	700	NA	NA	5	0.14	NA	1300	NA	NA	5	1000	10000
			MCL																																	
SK-7D	11/14/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	5/02/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	11/17/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0		
	4/13/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0			
	10/18/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0				
	4/18/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0				
	10/31/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0				
	4/17/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0				
	10/19/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0				
	4/15/14		<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0					
SK-8D	10/21/04		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	2/02/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	DUP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	4/13/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	7/06/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	DUP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	4/17/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	10/11/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2				
	4/12/07		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0				
	10/3																																			

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
		100	5	NA	2
SK-7D	11/14/09	<2.0	75.3	<2.0	<2.0
	5/02/10	<2.0	63.8	<2.0	<2.0
	11/17/10	<2.0	55.0	<2.0	<2.0
	4/13/11	<2.0	53.0	<2.0	<2.0
	10/18/11	<1.0	52.4	<1.0	<1.0
	4/18/12	<1.0	41.9	<1.0	<1.0
	10/31/12	<1.0	38.4	<1.0	<1.0
	4/17/13	<1.0	37.5	<1.0	<1.0
	10/19/13	<1.0	31.4	<2.0	<1.0
	4/15/14	<1.0	34.0	<2.0	<1.0
SK-8D	10/21/04	<0.5	40	<2	<1
	2/02/05	<0.5	39	<2	<1
	DUP	<0.5	38	<2	<1
	4/13/05	<0.5	36	<2	<1
	7/06/05	<0.5	49	<2	<1
	DUP	<0.5	47	<2	<1
	4/17/06	<0.5	44	<2	<1
	10/11/06	<0.5	39	<2	<1
	4/12/07	<0.50	39	<2.0	<1.0
	10/31/07	<0.50	43	<2.0	<1.0
	4/06/08	<2.0	100	<8.0	<4.0
	DUP	<2.0	110	<8.0	<4.0
	4/25/09	<2.0	183	2.2	<2.0
	11/14/09	<2.0	216	<2.0	<2.0
	DUP	<2.0	230	<2.0	<2.0
	5/02/10	<2.0	160	<2.0	<2.0
	11/18/10	<2.0	223	<2.0	<2.0
	4/13/11	<2.0	188	<2.0	<2.0
	10/18/11	<1.0	180	1.3	<1.0
	4/18/12	<1.0	167	<1.0	<1.0
	10/31/12	<1.0	145	<1.0	<1.0
	4/17/13	<1.0	155	<1.0	<1.0
	10/19/13	<1.0	132	<2.0	<1.0
	4/15/14	<1.0	120	<2.0	<1.0
SK-8S	10/21/04	<0.5	7.8	<2	<1
	2/02/05	<0.5	7.5	<2	<1
	4/13/05	<0.5	7.2	<2	<1
	7/06/05	<0.5	6.6	<2	<1
	4/17/06	<0.5	8.1	<2	<1
	10/11/06	<0.5	8.1	<2	<1

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

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		MCL			
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
		100	5	NA	2
SK-8S	4/12/07	<0.50	14	<2.0	<1.0
	10/31/07	<0.50	11	<2.0	<1.0
	4/07/08	<0.50	15	<2.0	<1.0
	4/25/09	<2.0	23.1	<2.0	<2.0
	11/14/09	<2.0	28.3	<2.0	<2.0
	5/02/10	<2.0	19.1	<2.0	<2.0
	11/18/10	<2.0	21.3	<2.0	<2.0
	4/13/11	<2.0	27.5	<2.0	<2.0
	10/18/11	<1.0	32.6	<1.0	<1.0
	4/18/12	<1.0	24.3	<1.0	<1.0
	10/31/12	<1.0	18.6	<1.0	<1.0
	4/17/13	<1.0	22.5	<1.0	<1.0
	10/19/13	<1.0	5.2	<2.0	<1.0
	4/15/14	<1.0	7.3	<2.0	<1.0
SK-9D	10/21/04	<0.5	47	<2	<1
	2/01/05	<0.5	57	<2	<1
	4/14/05	<1	61	<4	<2
	7/05/05	<1	71	<4	<2
	4/17/06	<1	67	<4	<2
	10/11/06	<1	63	<4	<2
	4/12/07	<2.0	81	<8.0	<4.0
	10/30/07	<2.0	100	<8.0	<4.0
	4/06/08	<1.0	86	<4.0	<2.0
	4/25/09	<2.0	63.2	<2.0	<2.0
	11/13/09	<2.0	77.6	<2.0	<2.0
	DUP	<2.0	77.1	<2.0	<2.0
	4/30/10	<2.0	70.5	<2.0	<2.0
	11/17/10	<2.0	<2.0	<2.0	<2.0
	4/13/11	<2.0	50.4	<2.0	<2.0
	10/18/11	<1.0	35.7	<1.0	<1.0
	4/18/12	<1.0	30.7	<1.0	<1.0
	10/31/12	<1.0	23.4	<1.0	<1.0
	4/17/13	<1.0	24.2	<1.0	<1.0
	10/19/13	<1.0	18.9	<2.0	<1.0
	4/15/14	<1.0	19.1	<2.0	<1.0
SK-B68	11/12/01	<1.2	8.3	<5	<2.5
	DUP	<5	40	<20	<10
	8/26/02	<1.2	29	<5	<2.5
	10/22/03	<0.5	12	<2	<1
	10/19/04	<0.5	1.6	<2	<1

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
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		MCL			
		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
		100	5	NA	2
SK-B68	2/01/05	<0.5	<1	<2	<1
	4/14/05	<0.5	<1	<2	<1
	7/06/05	<0.5	5.7	<2	<1
	4/19/06	<0.5	<1	<2	<1
	10/11/06	<2	<2	<4	<2
	4/12/07	<2.5	5.0	<10	<5.0
	10/29/07	DUP	<0.50	1.2	<2.0
	10/30/07		<0.50	<1.0	<2.0
	4/09/08		<0.50	<1.0	<2.0
	4/26/09		<2.0	<2.0	<2.0
	11/13/09		<2.0	<2.0	<2.0
	5/01/10		<2.0	<2.0	<2.0
	11/16/10		<2.0	<2.0	<2.0
	4/13/11		<2.0	<2.0	<2.0
	10/18/11		<1.0	<1.0	<1.0
	4/19/12		<1.0	1.1	<1.0
	10/31/12		<1.0	<1.0	<1.0
	4/18/13		<1.0	<1.0	<1.0
	10/20/13		1.3	2.1	<2.0
SK-B92	8/26/02	<1.2	37	<5	<2.5
	DUP	<1.2	35	<5	<2.5
	10/22/03	<1	6.5	<4	<2
	DUP	<1	7.6	<4	<2
	10/19/04	<0.5	11	<2	<1
	2/01/05	<0.5	15	<2	<1
	4/14/05	<0.5	15	<2	<1
	7/06/05	<0.5	16	<2	<1
	4/18/06	<0.5	14	<2	<1
	10/11/06	<0.5	20	<2	<1
	4/12/07	<0.50	18	<2.0	<1.0
	10/30/07	<0.50	26	<2.0	<1.0
	4/09/08	<2.5	16	<10	<5.0
	4/26/09	<2.0	15.0	<2.0	<2.0
	11/13/09	<2.0	11.6	<2.0	<2.0
	5/01/10	<2.0	11.2	<2.0	<2.0
	11/16/10	<2.0	10.2	<2.0	<2.0
	4/13/11	<2.0	8.7	<2.0	<2.0
	10/18/11	<1.0	11.0	<1.0	<1.0
	4/19/12	<1.0	6.9	<1.0	<1.0
	10/31/12	<1.0	7.5	<1.0	<1.0

Table 5
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Clean Harbors Kansas, LLC

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		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
MCL		100	5	NA	2
SK-B92	4/18/13	<1.0	6.9	<1.0	<1.0
	10/20/13	<1.0	8.4	<2.0	<1.0
SK-OW1	8/26/02	<1.2	110	<5	<2.5
SK-SW-1	4/25/01	<0.5	3.9	<2	<1
	11/06/01	<0.5	4.3	<2	<1
	8/19/02	<0.5	1.6	<2	<1
	11/05/02	<0.5	<1	<2	<1
	10/21/04	<0.5	1.2	<2	<1
	2/03/05	<0.5	1.5	<2	<1
	4/14/05	<0.5	2.7	<2	<1
	7/07/05	<0.5	2.9	<2	<1
	10/20/05	<0.5	<1	<2	<1
	4/18/06	<0.5	3.2	<2	<1
	10/10/06	<0.5	5.3	<2	<1
	10/30/07	<0.50	3.2	<2.0	1.2
	4/09/08	<0.50	<1.0	<2.0	<1.0
	4/23/09	<2.0	4.3	<2.0	<2.0
	11/13/09	<2.0	2.2	<2.0	<2.0
	4/29/10	<2.0	2.8	<2.0	<2.0
	11/15/10	<2.0	4.3	<2.0	<2.0
	4/12/11	<2.0	5.8	<2.0	<2.0
	10/17/11	<1.0	4.6	<1.0	<1.0
	4/17/12	<1.0	<1.0	<1.0	<1.0
	10/30/12	<1.0	4.6	<1.0	<1.0
	4/16/13	<1.0	1.8	<1.0	<1.0
	10/18/13	<1.0	3.8	<2.0	<1.0
	4/15/14	<1.0	1.5	<2.0	<1.0
SK-SW-2	4/25/01	<0.5	3.8	<2	<1
	11/06/01	<0.5	4.4	<2	1.1
	8/19/02	<0.5	<1	<2	<1
	DUP	<0.5	<1	<2	<1
	11/05/02	<0.5	<1	<2	<1
	10/21/04	<0.5	4.3	<2	<1
	2/03/05	<0.5	1.6	<2	<1
	4/14/05	<0.5	2.8	<2	<1
	7/07/05	<0.5	1.3	<2	<1
	10/20/05	<0.5	<1	<2	<1
	4/18/06	<0.5	2.4	<2	16
	10/10/06	<0.5	1.4	<2	<1
	10/30/07	<0.50	2.8	<2.0	2.0

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		MCL			
		100	5	NA	2
SK-SW-2	4/09/08	<0.50	1.3	<2.0	<1.0
	4/23/09	<2.0	4.5	<2.0	<2.0
	11/13/09	<2.0	2.0	<2.0	<2.0
	4/29/10	<2.0	2.0	<2.0	<2.0
	11/15/10	<2.0	3.2	<2.0	<2.0
	4/12/11	<2.0	7.1	<2.0	<2.0
	10/17/11	<1.0	7.0	<1.0	<1.0
	4/17/12	<1.0	<1.0	<1.0	<1.0
	10/30/12	<1.0	2.2	<1.0	2.7
	4/16/13	<1.0	1.2	<1.0	<1.0
	10/18/13	<1.0	1.4	<2.0	<1.0
	4/15/14	<1.0	1.5	<2.0	<1.0
	4/25/01	<0.5	3.8	<2	<1
	11/06/01	<0.5	<1	<2	<1
SK-SW-3	8/19/02	<0.5	<1	<2	<1
	11/05/02	<0.5	<1	<2	<1
	DUP	<0.5	<1	<2	<1
	10/21/04	<0.5	2.8	<2	<1
	2/03/05	<0.5	1	<2	<1
	4/14/05	<0.5	2.3	<2	<1
	7/07/05	<0.5	2.4	<2	<1
	10/20/05	<0.5	<1	<2	<1
	4/18/06	<0.5	<1	<2	<1
	10/10/06	<0.5	<1	<2	<1
	10/30/07	<0.50	1.6	<2.0	<1.0
	4/09/08	<0.50	<1.0	<2.0	<1.0
	4/23/09	<2.0	4.0	<2.0	<2.0
	11/13/09	<2.0	<2.0	<2.0	<2.0
	4/29/10	<2.0	<2.0	<2.0	<2.0
	11/15/10	<2.0	4.0	<2.0	<2.0
	4/12/11	<2.0	<2.0	<2.0	<2.0
	10/17/11	<1.0	<1.0	<1.0	<1.0
	4/17/12	<1.0	<1.0	<1.0	<1.0
	10/30/12	<1.0	<1.0	<1.0	<1.0
	4/16/13	<1.0	<1.0	<1.0	<1.0
	10/18/13	<1.0	1.4	<2.0	<1.0
	4/15/14	<1.0	<1.0	<2.0	<1.0
SK-SW-4	4/25/01	<0.5	4	<2	<1
	11/06/01	<0.5	<1	<2	<1
	8/19/02	<0.5	<1	<2	<1

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Location	Date	Sample Type	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichlorobenzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,2-Dichloroethane (µg/L)	1,3-Dichlorobenzene (µg/L)	4-Isopropyltoluene (µg/L)	Benzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Cis-1,2-Dichloroethene (µg/L)	Dibromochloromethane (µg/L)	Ethane (µg/L)	Ethylbenzene (µg/L)	Isopropylbenzene (µg/L)	Methane (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	N-Butylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	Tert-Butylbenzene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)	Total Xylenes (µg/L) (1,2)	
			200	0.067	2.4	7	NA	70	15	5	370	NA	NA	5	0.12	NA	5	100	NA	0.19	NA	70	0.15	NA	700	NA	5	0.14	NA	1300	NA	NA	5	1000	10000
			MCL																																
SK-SW-4	11/05/02		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	10/21/04		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	2/03/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	4/14/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	7/07/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	10/20/05		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	4/18/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	10/10/06		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2		
	10/30/07		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0			
	4/09/08		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0				
	4/23/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0					
	11/13/09		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0						
	4/29/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0						
	11/15/10		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0						
	4/12/11		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0						
	10/17/11		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0						
	4/17/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0						
	10/30/12		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0							
	4/16/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0						
	10/18/13		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0							
	4/15/14		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	&																					

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene ($\mu\text{g/L}$)	Trichloroethene ($\mu\text{g/L}$)	Trichlorofluoromethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)
		100	5	NA	2
SK-SW-4	11/05/02	<0.5	<1	<2	<1
	10/21/04	<0.5	3.1	<2	<1
	2/03/05	<0.5	<1	<2	<1
	4/14/05	<0.5	2.3	<2	<1
	7/07/05	<0.5	1.2	<2	<1
	10/20/05	<0.5	<1	<2	<1
	4/18/06	<0.5	<1	<2	<1
	10/10/06	<0.5	<1	<2	<1
	10/30/07	<0.50	1.4	<2.0	<1.0
	4/09/08	<0.50	<1.0	<2.0	<1.0
	4/23/09	<2.0	3.9	<2.0	<2.0
	11/13/09	<2.0	2.6	<2.0	<2.0
	4/29/10	<2.0	<2.0	<2.0	<2.0
	11/15/10	<2.0	<2.0	<2.0	<2.0
	4/12/11	<2.0	<2.0	<2.0	<2.0
	10/17/11	<1.0	<1.0	<1.0	<1.0
	4/17/12	<1.0	<1.0	<1.0	<1.0
	10/30/12	<1.0	<1.0	<1.0	<1.0
	4/16/13	<1.0	<1.0	<1.0	<1.0
	10/18/13	<1.0	<1.0	<2.0	<1.0
	4/15/14	<1.0	<1.0	<2.0	<1.0
SK-SW-5	4/25/01	<0.5	4.7	<2	<1
	11/06/01	<0.5	<1	<2	<1
	DUP	<0.5	<1	<2	<1
	8/19/02	<0.5	<1	<2	<1
	11/05/02	<0.5	<1	<2	<1
	10/21/04	<0.5	3.8	<2	<1
	2/03/05	<0.5	1.1	<2	<1
	4/14/05	<0.5	2.6	<2	<1
	7/07/05	<0.5	1.4	<2	<1
	10/20/05	<0.5	<1	<2	<1
	4/18/06	<0.5	<1	<2	<1
	10/10/06	<0.5	<1	<2	<1
	10/30/07	<0.50	1.9	<2.0	<1.0
	4/09/08	<0.50	<1.0	<2.0	<1.0
	4/23/09	<2.0	4.2	<2.0	<2.0
	11/13/09	<2.0	2.0	<2.0	<2.0
	4/29/10	<2.0	<2.0	<2.0	<2.0
	11/15/10	<2.0	<2.0	<2.0	<2.0
	4/12/11	<2.0	<2.0	<2.0	<2.0

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		MCL			
		Trans-1,2-Dichloroethene (µg/L)	Trichloroethene (µg/L)	Trichlorofluoromethane (µg/L)	Vinyl Chloride (µg/L)
		100	5	NA	2
SK-SW-5	10/17/11	<1.0	<1.0	<1.0	<1.0
	4/17/12	<1.0	<1.0	<1.0	<1.0
	10/30/12	<1.0	<1.0	<1.0	<1.0
	4/16/13	<1.0	<1.0	<1.0	<1.0
	10/18/13	<1.0	3.7	<2.0	<1.0
	4/15/14	<1.0	<1.0	<2.0	<1.0
Trip Blank	10/18/13	<1.0	<1.0	<2.0	<1.0
	4/15/14	<1.0	<1.0	<2.0	<1.0
WND-32D	11/13/01	<1	110	<4	<2
	8/26/02	<1.2	78	<5	<2.5
	DUP	<1	79	<4	<2
	10/21/03	<1.7	110	<6.7	<3.3
	10/19/04	<1.3	72	<5.3	<2.7
	2/01/05	<2.5	83	<10	<5
	DUP	<2	88	<8	<4
	4/14/05	<1	78	<4	<2
WND-32DR	7/05/05	<1	83	<4	<2
	4/11/07	DUP	<2.0	160	<8.0
	4/12/07	<1.3	140	<5.3	<2.7
	10/30/07	<1.0	81	<4.0	<2.0
	4/06/08	<2.0	70	<8.0	<4.0
	4/26/09	<2.0	42.9	<2.0	<2.0
	11/13/09	<2.0	35.0	<2.0	<2.0
	5/02/10	<2.0	41.4	<2.0	<2.0
	DUP	<2.0	39.7	<2.0	<2.0
	11/16/10	<2.0	41.1	<2.0	<2.0
	4/13/11	<2.0	39.3	<2.0	<2.0
	10/18/11	<1.0	32.2	<1.0	<1.0
	4/18/12	<1.0	35.1	<1.0	<1.0
	10/31/12	<1.0	27.8	<1.0	<1.0
	4/18/13	<1.0	30.0	<1.0	<1.0
WND-32S	10/19/13	<1.0	22.2	<2.0	<1.0
	4/15/14	<1.0	23.2	<2.0	<1.0
	4/25/01	<0.5	13	<2	<1
	11/11/01	<0.5	11	<2	<1
	8/25/02	<0.5	12	<2	<1

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

($\mu\text{g/L}$) = micrograms per liter.

NA = Not Available

Detections are shown in bold.

Detections that exceed the MCL are shaded.

If USEPA has not promulgated an MCL for a listed constituent, Region 9 RSL values for Tap Water were used. RSL values are italicized.

MCL values were obtained from EPA 822-R-09-011 Drinking Water Standards and Health Advisories Table, Fall 2009.

USEPA Region 9 RSL values were obtained from the table published in December 2009.

Data Validation Qualifier of "U" indicates that the analyte was detected in the assay.

Laboratory Data Qualifier of "J" indicates that the reported result was estimated.

Laboratory Data Qualifier of "D" indicates that the reported result was obtained from analysis of a dilution.

1 M & P Xylene and O-Xylene were analyzed separately. The results have been combined for

2 If the detection limit for xylene isomers were not identical, the larger of the two

Table 5
Groundwater Analytical Results - Volatile Organic Compounds
Clean Harbors Kansas, LLC

		MCL			
		100	5	NA	2
WND-32S	7/05/05	<0.5	11	<2	<1
	4/18/06	<0.5	3.3	<2	<1
	10/11/06	<0.5	<1	<2	<1
	4/12/07	<0.50	2.1	<2.0	<1.0
	10/30/07	<0.50	<1.0	<2.0	<1.0
	4/06/08	<0.50	1.3	<2.0	<1.0
	4/26/09	<2.0	<2.0	<2.0	<2.0
	DUP	<2.0	<2.0	<2.0	<2.0
	11/13/09	<2.0	<2.0	<2.0	<2.0
	5/02/10	<2.0	3.4	<2.0	<2.0
	11/17/10	<2.0	<2.0	<2.0	<2.0
	4/13/11	<2.0	4.0	<2.0	<2.0
	10/18/11	<1.0	3.5	<1.0	<1.0
	4/18/12	<1.0	3.7	<1.0	<1.0
	10/31/12	<1.0	1.8	<1.0	<1.0
	4/18/13	<1.0	3.7	<1.0	<1.0
	10/19/13	<1.0	<1.0	<2.0	<1.0
	4/15/14	<1.0	2.3	<2.0	<1.0

ATTACHMENT I

Laboratory Report for Groundwater and Surface Water Samples



Southeast

Reissue #1
05/20/14



Technical Report for

Cameron-Cole, LLC

Wichita Semi-Annual Event

X09422595

Accutest Job Number: FA14261

Sampling Dates: 04/15/14 - 04/16/14

Report to:

Cameron-Cole, LLC

**tcarmelli@cameron-cole.com
ddelahunty@cameron-cole.com
ATTN: Tony Carmelli**

Total number of pages in report: 804



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink that reads "Harry Behzadi".
**Harry Behzadi, Ph.D.
Laboratory Director**

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (04226CA), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.



May 19, 2014

Mr. Tony Carmelli
Cameron-Cole, LLC
5777 Central Ave
Suite 200
Boulder, CO 80301

RE: Accutest job FA14261 Reissue

Dear Mr. Carmelli,

The final report for job number FA14261 has been revised as per your request. All edits and/or additions to the original report have been made per your instructions.

Please review and advise if you have any questions and feel free to contact us if we can be of further assistance.

Sincerely,

Accutest Laboratories, SE

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Sample Summary

Cameron-Cole, LLC

Job No: FA14261

Wichita Semi-Annual Event
Project No: X09422595

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
FA14261-1	04/15/14	11:10 JTMS	04/17/14	AQ	Ground Water	SK-7D
FA14261-2	04/15/14	16:50 JTMS	04/17/14	AQ	Ground Water	SK-8D
FA14261-3	04/15/14	17:15 JTMS	04/17/14	AQ	Ground Water	SK-8S
FA14261-4	04/15/14	15:15 JTMS	04/17/14	AQ	Ground Water	SK-9D
FA14261-5	04/15/14	10:20 JTMS	04/17/14	AQ	Ground Water	WND-32S
FA14261-6	04/15/14	09:55 JTMS	04/17/14	AQ	Ground Water	WND-32DR
FA14261-7	04/15/14	18:00 JTMS	04/17/14	AQ	Ground Water	RSC-1
FA14261-8	04/15/14	14:20 JTMS	04/17/14	AQ	Ground Water	MW-10
FA14261-9	04/15/14	14:50 JTMS	04/17/14	AQ	Ground Water	MW-11
FA14261-10	04/15/14	11:23 JTMS	04/17/14	AQ	Ground Water	MW-14
FA14261-11	04/15/14	16:00 JTMS	04/17/14	AQ	Ground Water	MW-15
FA14261-12	04/15/14	13:50 JTMS	04/17/14	AQ	Ground Water	MW-18
FA14261-13	04/15/14	12:30 JTMS	04/17/14	AQ	Ground Water	SK-SW-1



Sample Summary

(continued)

Cameron-Cole, LLC

Job No: FA14261

Wichita Semi-Annual Event
Project No: X09422595

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID	
FA14261-14	04/15/14	12:15 JTMS	04/17/14	AQ	Ground Water	SK-SW-2
FA14261-15	04/15/14	12:00 JTMS	04/17/14	AQ	Ground Water	SK-SW-3
FA14261-16	04/15/14	11:45 JTMS	04/17/14	AQ	Ground Water	SK-SW-4
FA14261-17	04/15/14	08:40 JTMS	04/17/14	AQ	Ground Water	SK-SW-5
FA14261-18	04/15/14	12:00 JTMS	04/17/14	AQ	Ground Water	DUP-1
FA14261-19	04/15/14	14:50 JTMS	04/17/14	AQ	Field Blank Water	FB-1
FA14261-20	04/16/14	11:55 JTMS	04/17/14	AQ	Ground Water	SK-2D
FA14261-21	04/16/14	12:20 JTMS	04/17/14	AQ	Ground Water	SK-2S
FA14261-22	04/16/14	10:15 JTMS	04/17/14	AQ	Ground Water	SK-4D
FA14261-23	04/16/14	10:40 JTMS	04/17/14	AQ	Ground Water	SK-4S
FA14261-24	04/16/14	09:00 JTMS	04/17/14	AQ	Ground Water	SK-10S
FA14261-25	04/16/14	09:30 JTMS	04/17/14	AQ	Ground Water	SK-11S
FA14261-26	04/16/14	11:10 JTMS	04/17/14	AQ	Ground Water	SK-12D



Sample Summary

(continued)

Cameron-Cole, LLC

Job No: FA14261

Wichita Semi-Annual Event
Project No: X09422595

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA14261-27	04/16/14	11:25 JTMS	04/17/14	AQ	Ground Water	SK-12S
FA14261-28	04/16/14	08:20 JTMS	04/17/14	AQ	Ground Water	SK-13S
FA14261-29	04/16/14	12:00 JTMS	04/17/14	AQ	Ground Water	DUP-2
FA14261-30	04/16/14	10:15 JTMS	04/17/14	AQ	Field Blank Water	FB-2
FA14261-31	04/15/14	00:00 JTMS	04/17/14	AQ	Trip Blank Water	TRIP BLANK

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Cameron-Cole, LLC

Job No: FA14261

Site: Wichita Sampling Event; Wichita, KS

Report Date: 5/1/2014 6:44:35 PM

28 Sample(s), 1 Trip Blank(s) and 2 Field Blank(s) were collected on/between 04/15/2014 and 04/16/2014 and were received at Accutest on 04/17/2014 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of FA14261. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VO906

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA14261-1MS, FA14261-1MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 2-Hexanone are outside control limits. Recoveries biased high, but samples were ND for cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 2-Hexanone.

Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 2,2-Dichloropropane, 2-Chloroethyl vinyl ether, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chlorobenzene, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methyl ethyl ketone, Methylen bromide, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,3-Dichloropropene, Trichloroethylene, Trichlorofluoromethane are outside control limits. Probable cause is due to matrix interference.

RPD(s) for MSD for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 2,2-Dichloropropane, 2-Hexanone, Acrolein, Acrylonitrile, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Dibromochloromethane, Dichlorodifluoromethane, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methyl bromide, Methyl chloride, Methyl ethyl ketone, Methylen bromide, Methylen chloride, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropene, Trichloroethylene, Trichlorofluoromethane, Vinyl Acetate, Vinyl chloride are outside control limits for sample FA14261-1MSD. Probable cause is due to sample non-homogeneity.

FA14261-1 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits.

FA14261-1 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits.

FA14261-1 for 2-Hexanone: Associated BS recovery outside control limits.

FA14261-3 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits.

FA14261-3 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits.

FA14261-3 for 2-Hexanone: Associated BS recovery outside control limits.

FA14261-4 for cis-1,3-Dichloropropene: Associated BS recovery outside control limits.

FA14261-4 for trans-1,3-Dichloropropene: Associated BS recovery outside control limits.

FA14261-4 for 2-Hexanone: Associated BS recovery outside control limits.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VO906

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VO908

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA14260-1MS, FA14260-1MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for 1,2,3-Trichloropropene, 1,2-Dibromo-3-chloropropane, 2-Chloroethyl vinyl ether are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

Matrix Spike Duplicate Recovery(s) for 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropene, 1,2-Dibromo-3-chloropropane, 2-Chloroethyl vinyl ether, 2-Hexanone, Styrene are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

Matrix: AQ

Batch ID: VO909

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA14261-22MS, FA14261-22MSD were used as the QC samples indicated.

Sample(s) FA14261-21 has compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.

Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

Matrix Spike Duplicate Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

FA14261-21: Results from different vials are not consistent; higher results were reported.

Matrix: AQ

Batch ID: VZ982

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA14536-32MS, FA14536-32MSD were used as the QC samples indicated.

Sample(s) FA14261-29 has compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.

Matrix Spike Recovery(s) for 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 2-Hexanone, Hexachlorobutadiene, Methyl ethyl ketone are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

Matrix Spike Duplicate Recovery(s) for 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, Hexachlorobutadiene, Methyl ethyl ketone are outside control limits. Probable cause is due to matrix interference. For method performance in a clean matrix, refer to Blank Spike.

FA14261-29: Results from different vials are not consistent; higher results were reported.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Kim Benham, Client Services (signature on file)

Date: May 1, 2014

Narrative revised by:

Kim Benham, Client Services (signature on file)

Date: May 19, 2014

Manual Integration Summary

Lab Sample ID	Analysis Type	File ID	Manual Integrations
FA14260-1MS	MSVOA	O23330.D	Hexane
FA14260-1MSD	MSVOA	O23331.D	Hexane, Trichlorofluoromethane
FA14261-1MS	MSVOA	O23270.D	Hexane
FA14261-1MSD	MSVOA	O23271.D	Hexane
FA14261-22MS	MSVOA	O23361.D	Hexane
FA14261-22MSD	MSVOA	O23362.D	Hexane
FA14261-7	MSVOA	O23256.D	Trichlorofluoromethane
FA14536-32MS	MSVOA	Z25066.D	Carbon tetrachloride
FA14536-32MSD	MSVOA	Z25067.D	Carbon tetrachloride
VO902-IC902	MSVOA	O23127.D	1-Chlorohexane, Trichlorofluoromethane
VO902-IC902	MSVOA	O23128.D	Hexane
VO902-IC902	MSVOA	O23129.D	Hexane
VO902-IC902	MSVOA	O23131.D	Hexane, Trichlorofluoromethane
VO902-IC902	MSVOA	O23132.D	Hexane, Trichlorofluoromethane
VO902-ICC902	MSVOA	O23130.D	Hexane
VO902-ICV902	MSVOA	O23133.D	Hexane
VO906-BS	MSVOA	O23248.D	Hexane
VO906-CC902	MSVOA	O23247.D	Hexane, Trichlorofluoromethane
VO908-BS	MSVOA	O23307.D	Hexane
VO908-CC902	MSVOA	O23306.D	Hexane
VO909-BS	MSVOA	O23338.D	Hexane
VO909-CC902	MSVOA	O23337.D	Hexane
VZ982-BS	MSVOA	Z25044.D	Carbon tetrachloride
VZ982-IC982	MSVOA	Z25036.D	1-Chlorohexane, Ethyl Alcohol, p-Dichlorobenzene, Trichlorofluoromethane
VZ982-IC982	MSVOA	Z25037.D	Carbon tetrachloride, Ethyl Alcohol, Tert-Amyl Alcohol
VZ982-IC982	MSVOA	Z25038.D	Carbon tetrachloride, Ethyl Alcohol
VZ982-IC982	MSVOA	Z25040.D	Carbon tetrachloride, Trichlorofluoromethane
VZ982-IC982	MSVOA	Z25041.D	Carbon tetrachloride
VZ982-ICC982	MSVOA	Z25039.D	Carbon tetrachloride
VZ982-ICV982	MSVOA	Z25043.D	Carbon tetrachloride

30 Manual Integrations were found for FA14261

Summary of Hits

Page 1 of 7

Job Number: FA14261

Account: Cameron-Cole, LLC

Project: Wichita Semi-Annual Event

Collected: 04/15/14 thru 04/16/14

3

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA14261-1 SK-7D						
1,1-Dichloroethylene	0.51 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	8.6	1.0	0.33	ug/l	SW846 8260B	
Tetrachloroethylene	1.4	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	34.0	1.0	0.30	ug/l	SW846 8260B	
Total TIC, Volatile	123 J			ug/l		
FA14261-2 SK-8D						
1,1-Dichloroethylene	0.25 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	29.8	1.0	0.33	ug/l	SW846 8260B	
Tetrachloroethylene	4.5	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	120	5.0	1.5	ug/l	SW846 8260B	
Vinyl chloride	0.35 J	1.0	0.33	ug/l	SW846 8260B	
Total TIC, Volatile	200 J			ug/l		
FA14261-3 SK-8S						
Benzene	0.33 J	1.0	0.24	ug/l	SW846 8260B	
tert-Butylbenzene	0.31 J	1.0	0.29	ug/l	SW846 8260B	
1,1-Dichloroethylene	0.44 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	10.2	1.0	0.33	ug/l	SW846 8260B	
Trichloroethylene	7.3	1.0	0.30	ug/l	SW846 8260B	
Total TIC, Volatile	26.6 J			ug/l		
FA14261-4 SK-9D						
1,1-Dichloroethylene	0.35 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	4.7	1.0	0.33	ug/l	SW846 8260B	
Tetrachloroethylene	0.94 J	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	19.1	1.0	0.30	ug/l	SW846 8260B	
FA14261-5 WND-32S						
cis-1,2-Dichloroethylene	0.61 J	1.0	0.33	ug/l	SW846 8260B	
Ethylbenzene	0.46 J	1.0	0.28	ug/l	SW846 8260B	
Isopropylbenzene	0.30 J	1.0	0.20	ug/l	SW846 8260B	
Tetrachloroethylene	0.36 J	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	2.3	1.0	0.30	ug/l	SW846 8260B	
m,p-Xylene	1.8 J	2.0	0.48	ug/l	SW846 8260B	
Total TIC, Volatile	3060 J			ug/l		

Summary of Hits

Page 2 of 7

Job Number: FA14261

Account: Cameron-Cole, LLC

Project: Wichita Semi-Annual Event

Collected: 04/15/14 thru 04/16/14

3

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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FA14261-6 WND-32DR

Benzene	0.25 J	1.0	0.24	ug/l	SW846 8260B
Chlorobenzene	0.36 J	1.0	0.24	ug/l	SW846 8260B
1,1-Dichloroethylene	0.35 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	6.2	1.0	0.33	ug/l	SW846 8260B
Tetrachloroethylene	0.88 J	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	23.2	1.0	0.30	ug/l	SW846 8260B
Total TIC, Volatile	27 J			ug/l	

FA14261-7 RSC-1

1,1-Dichloroethylene	0.35 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	32.6	1.0	0.33	ug/l	SW846 8260B
Tetrachloroethylene	3.9	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	117	2.0	0.60	ug/l	SW846 8260B
Trichlorofluoromethane	0.53 J	2.0	0.50	ug/l	SW846 8260B
Vinyl chloride	0.40 J	1.0	0.33	ug/l	SW846 8260B

FA14261-8 MW-10

n-Butylbenzene	2.6	1.0	0.30	ug/l	SW846 8260B
sec-Butylbenzene	3.0	1.0	0.27	ug/l	SW846 8260B
tert-Butylbenzene	0.73 J	1.0	0.29	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	2.9	1.0	0.33	ug/l	SW846 8260B
Ethylbenzene	1.5	1.0	0.28	ug/l	SW846 8260B
Isopropylbenzene	3.4	1.0	0.20	ug/l	SW846 8260B
Naphthalene	29.6	3.0	1.0	ug/l	SW846 8260B
n-Propylbenzene	9.6	1.0	0.24	ug/l	SW846 8260B
Toluene	0.23 J	1.0	0.20	ug/l	SW846 8260B
Trichloroethylene	4.0	1.0	0.30	ug/l	SW846 8260B
m,p-Xylene	1.2 J	2.0	0.48	ug/l	SW846 8260B
o-Xylene	0.41 J	1.0	0.20	ug/l	SW846 8260B
Total TIC, Volatile	1610 J			ug/l	

FA14261-9 MW-11

n-Butylbenzene	0.89 J	1.0	0.30	ug/l	SW846 8260B
sec-Butylbenzene	2.1	1.0	0.27	ug/l	SW846 8260B
tert-Butylbenzene	0.69 J	1.0	0.29	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	0.62 J	1.0	0.33	ug/l	SW846 8260B
Isopropylbenzene	1.7	1.0	0.20	ug/l	SW846 8260B
Naphthalene	2.4 J	3.0	1.0	ug/l	SW846 8260B
n-Propylbenzene	3.3	1.0	0.24	ug/l	SW846 8260B
Trichloroethylene	0.34 J	1.0	0.30	ug/l	SW846 8260B

Summary of Hits

Page 3 of 7

Job Number: FA14261

Account: Cameron-Cole, LLC

Project: Wichita Semi-Annual Event

Collected: 04/15/14 thru 04/16/14

3

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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o-Xylene	0.38 J	1.0	0.20	ug/l	SW846 8260B
Total TIC, Volatile	574 J			ug/l	

FA14261-10 MW-14

Benzene	2.1	1.0	0.24	ug/l	SW846 8260B
n-Butylbenzene	0.31 J	1.0	0.30	ug/l	SW846 8260B
sec-Butylbenzene	1.4	1.0	0.27	ug/l	SW846 8260B
tert-Butylbenzene	0.58 J	1.0	0.29	ug/l	SW846 8260B
1,1-Dichloroethylene	0.50 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	19.3	1.0	0.33	ug/l	SW846 8260B
trans-1,2-Dichloroethylene	1.7	1.0	0.34	ug/l	SW846 8260B
Isopropylbenzene	2.2	1.0	0.20	ug/l	SW846 8260B
Naphthalene	6.0	3.0	1.0	ug/l	SW846 8260B
n-Propylbenzene	2.1	1.0	0.24	ug/l	SW846 8260B
Toluene	0.20 J	1.0	0.20	ug/l	SW846 8260B
o-Xylene	0.28 J	1.0	0.20	ug/l	SW846 8260B
Total TIC, Volatile	400 J			ug/l	

FA14261-11 MW-15

tert-Butylbenzene	0.56 J	1.0	0.29	ug/l	SW846 8260B
1,1-Dichloroethylene	0.34 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	4.2	1.0	0.33	ug/l	SW846 8260B
Trichloroethylene	10.7	1.0	0.30	ug/l	SW846 8260B
Total TIC, Volatile	96.4 J			ug/l	

FA14261-12 MW-18

cis-1,2-Dichloroethylene	0.37 J	1.0	0.33	ug/l	SW846 8260B
Total TIC, Volatile	5.8 J			ug/l	

FA14261-13 SK-SW-1

Benzene	0.26 J	1.0	0.24	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	2.3	1.0	0.33	ug/l	SW846 8260B
Trichloroethylene	1.5	1.0	0.30	ug/l	SW846 8260B
Total TIC, Volatile	44 J			ug/l	

FA14261-14 SK-SW-2

cis-1,2-Dichloroethylene	4.0	1.0	0.33	ug/l	SW846 8260B
Trichloroethylene	1.5	1.0	0.30	ug/l	SW846 8260B
Vinyl chloride	0.61 J	1.0	0.33	ug/l	SW846 8260B
Total TIC, Volatile	158 J			ug/l	

Summary of Hits

Job Number: FA14261
Account: Cameron-Cole, LLC
Project: Wichita Semi-Annual Event
Collected: 04/15/14 thru 04/16/14

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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FA14261-15 SK-SW-3

cis-1,2-Dichloroethylene	0.40 J	1.0	0.33	ug/l	SW846 8260B
Trichloroethylene	0.42 J	1.0	0.30	ug/l	SW846 8260B

FA14261-16 SK-SW-4

Trichloroethylene	0.40 J	1.0	0.30	ug/l	SW846 8260B
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FA14261-17 SK-SW-5

Trichloroethylene	0.37 J	1.0	0.30	ug/l	SW846 8260B
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FA14261-18 DUP-1

n-Butylbenzene	2.7	1.0	0.30	ug/l	SW846 8260B
sec-Butylbenzene	3.2	1.0	0.27	ug/l	SW846 8260B
tert-Butylbenzene	0.81 J	1.0	0.29	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	3.1	1.0	0.33	ug/l	SW846 8260B
Ethylbenzene	1.8	1.0	0.28	ug/l	SW846 8260B
Isopropylbenzene	3.8	1.0	0.20	ug/l	SW846 8260B
Naphthalene	31.8	3.0	1.0	ug/l	SW846 8260B
n-Propylbenzene	10	1.0	0.24	ug/l	SW846 8260B
Toluene	0.23 J	1.0	0.20	ug/l	SW846 8260B
Trichloroethylene	3.7	1.0	0.30	ug/l	SW846 8260B
m,p-Xylene	1.6 J	2.0	0.48	ug/l	SW846 8260B
o-Xylene	0.41 J	1.0	0.20	ug/l	SW846 8260B
Total TIC, Volatile	1702 J			ug/l	

FA14261-19 FB-1

Toluene	6.3	1.0	0.20	ug/l	SW846 8260B
Total TIC, Volatile	154.6 J			ug/l	

FA14261-20 SK-2D

1,1-Dichloroethylene	0.60 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	11.6	1.0	0.33	ug/l	SW846 8260B
Tetrachloroethylene	1.6	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	39.4	1.0	0.30	ug/l	SW846 8260B
Total TIC, Volatile	99 J			ug/l	

Summary of Hits

Job Number: FA14261
Account: Cameron-Cole, LLC
Project: Wichita Semi-Annual Event
Collected: 04/15/14 thru 04/16/14

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA14261-21 SK-2S						
1,1-Dichloroethane ^a	4.3	1.0	0.26	ug/l	SW846 8260B	
1,1-Dichloroethylene ^a	2.4	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene ^a	201 E	1.0	0.33	ug/l	SW846 8260B	
trans-1,2-Dichloroethylene ^a	3.2	1.0	0.34	ug/l	SW846 8260B	
1,1,1-Trichloroethane ^a	11.5	1.0	0.34	ug/l	SW846 8260B	
Tetrachloroethylene ^a	162 E	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene ^a	50.6	1.0	0.30	ug/l	SW846 8260B	
Vinyl chloride ^a	2.4	1.0	0.33	ug/l	SW846 8260B	
Total TIC, Volatile	100 J			ug/l		
FA14261-22 SK-4D						
1,1-Dichloroethylene	0.35 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	5.6	1.0	0.33	ug/l	SW846 8260B	
Tetrachloroethylene	1.0	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	23.8	1.0	0.30	ug/l	SW846 8260B	
Total TIC, Volatile	37 J			ug/l		
FA14261-23 SK-4S						
1,1-Dichloroethane	0.26 J	1.0	0.26	ug/l	SW846 8260B	
1,1-Dichloroethylene	0.29 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	11.0	1.0	0.33	ug/l	SW846 8260B	
1,1,1-Trichloroethane	0.71 J	1.0	0.34	ug/l	SW846 8260B	
Tetrachloroethylene	83.4	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	8.5	1.0	0.30	ug/l	SW846 8260B	
FA14261-24 SK-10S						
1,1-Dichloroethane	0.70 J	1.0	0.26	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	13.0	1.0	0.33	ug/l	SW846 8260B	
trans-1,2-Dichloroethylene	0.62 J	1.0	0.34	ug/l	SW846 8260B	
Tetrachloroethylene	7.5	1.0	0.26	ug/l	SW846 8260B	
Trichloroethylene	3.4	1.0	0.30	ug/l	SW846 8260B	
Vinyl chloride	1.5	1.0	0.33	ug/l	SW846 8260B	
Total TIC, Volatile	27 J			ug/l		
FA14261-25 SK-11S						
Bromoform	0.59 J	1.0	0.38	ug/l	SW846 8260B	
1,1-Dichloroethane	0.89 J	1.0	0.26	ug/l	SW846 8260B	
1,1-Dichloroethylene	0.60 J	1.0	0.25	ug/l	SW846 8260B	
cis-1,2-Dichloroethylene	27.0	1.0	0.33	ug/l	SW846 8260B	

Summary of Hits

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Job Number: FA14261

Account: Cameron-Cole, LLC

Project: Wichita Semi-Annual Event

Collected: 04/15/14 thru 04/16/14

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Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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trans-1,2-Dichloroethylene	0.35 J	1.0	0.34	ug/l	SW846 8260B
1,1,1-Trichloroethane	2.4	1.0	0.34	ug/l	SW846 8260B
Tetrachloroethylene	6.4	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	50.6	1.0	0.30	ug/l	SW846 8260B
Vinyl chloride	0.92 J	1.0	0.33	ug/l	SW846 8260B
Total TIC, Volatile	763 J			ug/l	

FA14261-26 SK-12D

1,1-Dichloroethylene	0.29 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	4.1	1.0	0.33	ug/l	SW846 8260B
Tetrachloroethylene	1.2	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	19.6	1.0	0.30	ug/l	SW846 8260B

FA14261-27 SK-12S

Chloroform	0.47 J	1.0	0.31	ug/l	SW846 8260B
1,1-Dichloroethane	0.64 J	1.0	0.26	ug/l	SW846 8260B
1,1-Dichloroethylene	0.45 J	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	4.0	1.0	0.33	ug/l	SW846 8260B
1,1,1-Trichloroethane	3.9	1.0	0.34	ug/l	SW846 8260B
Tetrachloroethylene	44.4	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	34.7	1.0	0.30	ug/l	SW846 8260B
Total TIC, Volatile	32 J			ug/l	

FA14261-28 SK-13S

1,1-Dichloroethane	0.35 J	1.0	0.26	ug/l	SW846 8260B
cis-1,2-Dichloroethylene	0.77 J	1.0	0.33	ug/l	SW846 8260B
Tetrachloroethylene	3.7	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene	3.3	1.0	0.30	ug/l	SW846 8260B

FA14261-29 DUP-2

1,1-Dichloroethane ^a	3.5	1.0	0.26	ug/l	SW846 8260B
1,1-Dichloroethylene ^a	2.0	1.0	0.25	ug/l	SW846 8260B
cis-1,2-Dichloroethylene ^a	177 E	1.0	0.33	ug/l	SW846 8260B
trans-1,2-Dichloroethylene ^a	2.0	1.0	0.34	ug/l	SW846 8260B
1,1,1-Trichloroethane ^a	8.9	1.0	0.34	ug/l	SW846 8260B
Tetrachloroethylene ^a	158 E	1.0	0.26	ug/l	SW846 8260B
Trichloroethylene ^a	41.7	1.0	0.30	ug/l	SW846 8260B
Vinyl chloride ^a	2.7	1.0	0.33	ug/l	SW846 8260B

Summary of Hits

Job Number: FA14261
Account: Cameron-Cole, LLC
Project: Wichita Semi-Annual Event
Collected: 04/15/14 thru 04/16/14

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Lab Sample ID	Client Sample ID	Result/ Analyte	Qual	RL	MDL	Units	Method
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FA14261-30 FB-2

Toluene	5.5	1.0	0.20	ug/l	SW846 8260B
Total TIC, Volatile	44 J			ug/l	

FA14261-31 TRIP BLANK

No hits reported in this sample.

(a) Results from different vials are not consistent; higher results were reported.



Southeast

LABORATORIES

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Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

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Client Sample ID:	SK-7D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-1	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23250.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo(chloromethane)	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.29	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.51	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	8.6	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	SK-7D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-1	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	1.4	1.0	0.26	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	34.0	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	101%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SK-7D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-1	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
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460-00-4	4-Bromofluorobenzene	100%		83-118%
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CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
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124-38-9	Carbon dioxide	2.26	82000	ug/l	JBN
1615-75-4	Ethane, 1-chloro-1-fluoro- unknown	3.42 4.07	49 37	ug/l	JN J
625-31-0	4-Penten-2-ol	4.70	37	ug/l	JN
	Total TIC, Volatile		123	ug/l	J

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

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RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

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4.2

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Client Sample ID: SK-8D	Date Sampled: 04/15/14
Lab Sample ID: FA14261-2	Date Received: 04/17/14
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Wichita Semi-Annual Event	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23311.D	1	04/29/14	MM	n/a	n/a	VO908
Run #2	O23251.D	5	04/28/14	MM	n/a	n/a	VO906

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo-chloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.29	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.25	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromo-chloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	29.8	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SK-8D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-2	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

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VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	4.5	1.0	0.26	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	120 ^a	5.0	1.5	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	0.35	1.0	0.33	ug/l	J
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	101%	79-125%
2037-26-5	Toluene-D8	101%	101%	85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SK-8D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-2	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%	100%	83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	2.28	170000	ug/l	JBN
625-31-0	4-Penten-2-ol	4.71	200	ug/l	JN
	Total TIC, Volatile		200	ug/l	J

(a) Result is from Run# 2

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ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID: SK-8S	Date Sampled: 04/15/14
Lab Sample ID: FA14261-3	Date Received: 04/17/14
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Wichita Semi-Annual Event	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23252.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	0.33	1.0	0.24	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo-chloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	0.31	1.0	0.29	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.44	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromo-chloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	10.2	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SK-8S	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-3	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

4.3
4**VOA 8260 List**

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.26	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	7.3	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	99%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SK-8S	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-3	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
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460-00-4	4-Bromofluorobenzene	100%		83-118%
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CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
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124-38-9	Carbon dioxide	2.26	82000	ug/l	JBN
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl	14.57	11	ug/l	JN
826-18-6	Benzene, 1-pentenyl-	15.15	7.6	ug/l	JN
7125-62-4	5H-Benzocycloheptene, 6,7-dihydro-	16.72	8	ug/l	JN
	Total TIC, Volatile		26.6	ug/l	J

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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Client Sample ID: SK-9D
Lab Sample ID: FA14261-4
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Wichita Semi-Annual Event

Date Sampled: 04/15/14
Date Received: 04/17/14
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23253.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

Purge Volume
Run #1 5.0 ml
Run #2

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo(chloromethane)	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.29	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.35	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	4.7	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SK-9D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-4	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.94	1.0	0.26	ug/l	J
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	19.1	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	101%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	SK-9D	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-4	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries		Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene		100%		83-118%
CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide Total TIC, Volatile	2.28	69000 0	ug/l ug/l	JBN

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID: WND-32S	Date Sampled: 04/15/14
Lab Sample ID: FA14261-5	Date Received: 04/17/14
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Wichita Semi-Annual Event	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23254.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo-chloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.29	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.25	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromo-chloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.61	1.0	0.33	ug/l	J
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WND-32S	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-5	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

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VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	0.46	1.0	0.28	ug/l	J
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	0.30	1.0	0.20	ug/l	J
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.36	1.0	0.26	ug/l	J
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	2.3	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	1.8	2.0	0.48	ug/l	J
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	98%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: WND-32S	Date Sampled: 04/15/14
Lab Sample ID: FA14261-5	Date Received: 04/17/14
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Wichita Semi-Annual Event	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	2.26	19000	ug/l	JBN
106-97-8	Butane	2.86	27	ug/l	JN
78-78-4	Butane, 2-methyl-	3.34	150	ug/l	JN
109-66-0	Pentane	3.59	290	ug/l	JN
75-83-2	Butane, 2,2-dimethyl-	4.14	83	ug/l	JN
287-92-3	Cyclopentane	4.61	1000	ug/l	JN
96-14-0	Pentane, 3-methyl-	4.82	270	ug/l	JN
96-37-7	Cyclopentane, methyl-	5.73	1200	ug/l	JN
464-06-2	Butane, 2,2,3-trimethyl-	5.92	25	ug/l	JN
2453-00-1	Cyclopentane, 1,3-dimethyl-	6.82	15	ug/l	JN
Total TIC, Volatile			3060	ug/l	J

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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Client Sample ID:	WND-32DR	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-6	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23255.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	0.25	1.0	0.24	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo(chloromethane)	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.29	ug/l	
108-90-7	Chlorobenzene	0.36	1.0	0.24	ug/l	J
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.35	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	6.2	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WND-32DR	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-6	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	0.88	1.0	0.26	ug/l	J
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	23.2	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	101%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WND-32DR	Date Sampled: 04/15/14
Lab Sample ID: FA14261-6	Date Received: 04/17/14
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Wichita Semi-Annual Event	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
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460-00-4	4-Bromofluorobenzene	99%		83-118%
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CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
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124-38-9	Carbon dioxide	2.27	72000	ug/l	JBN
	unknown	4.07	27	ug/l	J
	Total TIC, Volatile		27	ug/l	J

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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Client Sample ID:	RSC-1	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-7	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23256.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2	O23312.D	2	04/29/14	MM	n/a	n/a	VO908

Purge Volume	
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo(chloromethane)	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.29	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.35	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	32.6	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RSC-1	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-7	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	ND	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	3.9	1.0	0.26	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	117 ^b	2.0	0.60	ug/l	
75-69-4	Trichlorofluoromethane	0.53	2.0	0.50	ug/l	J
75-01-4	Vinyl chloride	0.40	1.0	0.33	ug/l	J
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	99%	79-125%
2037-26-5	Toluene-D8	100%	100%	85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	RSC-1	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-7	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries		Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene		101%	101%	83-118%
CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide Total TIC, Volatile	2.28	70000 0	ug/l ug/l	JBN

- (a) Associated BS recovery outside control limits.
 (b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	MW-10	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-8	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23257.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo-chloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromo-dichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	2.6	1.0	0.30	ug/l	
135-98-8	sec-Butylbenzene	3.0	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	0.73	1.0	0.29	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.25	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromo-chloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2.9	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	MW-10	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-8	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	1.5	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	3.4	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	29.6	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	9.6	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.26	ug/l	
108-88-3	Toluene	0.23	1.0	0.20	ug/l	J
79-01-6	Trichloroethylene	4.0	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	1.2	2.0	0.48	ug/l	J
95-47-6	o-Xylene	0.41	1.0	0.20	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	MW-10	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-8	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
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460-00-4	4-Bromofluorobenzene	100%		83-118%
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CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
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124-38-9	Carbon dioxide	2.28	70000	ug/l	JBN
96-37-7	Cyclopentane, methyl-	5.74	200	ug/l	JN
535-77-3	Benzene, 1-methyl-3-(1-methylethyl	13.74	52	ug/l	JN
767-58-8	Indan, 1-methyl-	13.89	42	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	14.20	60	ug/l	JN
824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	14.51	43	ug/l	JN
95-93-2	Benzene, 1,2,4,5-tetramethyl-	14.73	240	ug/l	JN
1075-22-5	1H-Indene, 2,3-dihydro-5,6-dimethyl	15.98	73	ug/l	JN
91-57-6	Naphthalene, 2-methyl-	16.75	460	ug/l	JN
90-12-0	Naphthalene, 1-methyl-	16.92	440	ug/l	JN
Total TIC, Volatile			1610	ug/l	J

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	MW-11	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-9	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23258.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo-chloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromo-dichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	0.89	1.0	0.30	ug/l	J
135-98-8	sec-Butylbenzene	2.1	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	0.69	1.0	0.29	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.25	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromo-chloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.62	1.0	0.33	ug/l	J
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-9	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	1.7	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	2.4	3.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	3.3	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.26	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	0.34	1.0	0.30	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	0.38	1.0	0.20	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	97%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-9	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	2.27	61000	ug/l	JBN
581-40-8	Naphthalene, 2,3-dimethyl-	10.24	25	ug/l	JN
496-11-7	Indane	13.29	27	ug/l	JN
527-84-4	Benzene, 1-methyl-2-(1-methylethyl	13.74	21	ug/l	JN
767-58-8	Indan, 1-methyl-	13.89	29	ug/l	JN
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	14.73	50	ug/l	JN
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl	15.12	21	ug/l	JN
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl	15.21	21	ug/l	JN
91-57-6	Naphthalene, 2-methyl-	16.75	120	ug/l	JN
90-12-0	Naphthalene, 1-methyl-	16.91	260	ug/l	JN
Total TIC, Volatile			574	ug/l	J

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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Report of Analysis

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Client Sample ID:	MW-14	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-10	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O23259.D	1	04/28/14	MM	n/a	n/a	VO906
Run #2							

Purge Volume	
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	20	6.4	ug/l	
107-13-1	Acrylonitrile	ND	10	2.0	ug/l	
71-43-2	Benzene	2.1	1.0	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.31	ug/l	
74-97-5	Bromo-chloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.26	ug/l	
75-25-2	Bromoform	ND	1.0	0.38	ug/l	
104-51-8	n-Butylbenzene	0.31	1.0	0.30	ug/l	J
135-98-8	sec-Butylbenzene	1.4	1.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	0.58	1.0	0.29	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.23	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.29	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.26	ug/l	
75-35-4	1,1-Dichloroethylene	0.50	1.0	0.25	ug/l	J
563-58-6	1,1-Dichloropropene	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.78	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.36	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.34	ug/l	
123-91-1	1,4-Dioxane	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
124-48-1	Dibromo-chloromethane	ND	1.0	0.36	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.33	ug/l	
156-59-2	cis-1,2-Dichloroethylene	19.3	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

4.10
4

Report of Analysis

Client Sample ID:	MW-14	Date Sampled:	04/15/14
Lab Sample ID:	FA14261-10	Date Received:	04/17/14
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Wichita Semi-Annual Event		

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VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	1.7	1.0	0.34	ug/l	
10061-02-6	trans-1,3-Dichloropropene ^a	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
591-78-6	2-Hexanone ^a	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
98-82-8	Isopropylbenzene	2.2	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.24	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.54	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.53	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.29	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	1.5	ug/l	
91-20-3	Naphthalene	6.0	3.0	1.0	ug/l	
103-65-1	n-Propylbenzene	2.1	1.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.34	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.26	ug/l	
108-88-3	Toluene	0.20	1.0	0.20	ug/l	J
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
	m,p-Xylene	ND	2.0	0.48	ug/l	
95-47-6	o-Xylene	0.28	1.0	0.20	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	98%		85-112%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound